

BORISOV, V.S., inzh.; TREGUBENKO, G.P., inzh.

Automatic line for sheathing weld electrodes. Mashinostroitel'
no.9:22-23 S '59. (MIRA 13:2)
(Electrodes)

TREGUBENKO, G.P.

End milling cutters with left-handed helical teeth used in boring
machines. Stan.i instr. 28 no.4:39 Ap '57. (MLRA 10:5)
(Cutting tools)
(Drilling and boring machinery)

TREGUBENKO, G.P.

Introducing plastics at the Kiev Automatic Machine-Tool Plant.
Stan. 1 instr. 36 no.11:38 N '65. (MIRA 18:11)

USSR/Human and Animal Physiology - Excretion.

7-6

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18268

Author : I.P. Tregubenko
Inst : Inst. Biol. Ural. A.S. USSR
Title : The Effect of Ethylenediaminetetraacetate on Renal Function

Orig Pub : Dokl. AN SSSR, 1956, 110, No 5, 874-876

Abstract : Twenty ml of water per kg of body weight was injected into the stomachs of female dogs anesthetized with hexenal, and glomerular filtration was determined according to the clearance of inulin (injected in a single dose) as well as the resorption of water in the tubules before and after infusion into a vein of 10 mg of sodium or calcium EDTA per kg of body weight. The salts of EDTAA reduced the filtration capacity of the kidneys by one half and somewhat inhibited (but not always) the resorption of water in the tubules; this is explained by the constriction of the glomerular capillaries and the reduction in the amount of blood flowing through the kidneys.

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SEmenov, D. N. and TREGUBENKO, I. P.

"Ethylenediaminetetraacetate," D. N. Semenov and ~~I. P. Tregubenko.~~
~~Radiological Research of the Laboratory of Biophysics, Inst. of Biology, Ural~~
~~Affil of the Academy of Sciences USSR, Sbornik Rabot Laboratorii Biofiziki,~~
No. 1, 1957, pp, 4-128.

SEMELEV, D.I., TREGUBENKO, I.P.

Effect of complexons on the behavior of metals and radiation emitters
in the organism. Pt. 2: Ethylenediaminetetraacetate. Trudy Inst.
biol. UFAN SSSR No.9:20-56 '57 (MIRA 11: 9)
(CHELATING AGENTS)
(ACETIC ACID)
(RADIATION PROTECTION)

SEMELEV, D.I., kand.biol.nauk, red.; TREGUBENKO, I.P., kand.med.nauk,
red.; LATOSH, N.I., kand.khim.nauk, red.

[Complexons; synthesis, properties, and applications in biology
and medicine] Kompleksnye sintez, svoistva, primenenie v biologii
i meditsine. Sverdlovsk, 1958. 166 p. (MIRA 13:3)

1. Akademiya nauk SSSR. Ural'skiy filial, Sverdlovsk. 2. Labora-
toriya biofiziki Ural'skogo filiala AN SSSR, g.Sverdlovsk (for
Semenov, Tregubenko). 3. Institut khimii Ural'skogo filiala Akade-
mii nauk SSSR (for Latosh).
(Complexons)

TREGUBENKO, I.P.

SEMELEV, D.I.; TREGUBENKO, I.P.

Effect of complexes on the deposition in tissues and excretion of
radioyttrium, radiocerium and plutonium [with summary in English].
Biokhimiia 23 no.1:59-65 Ja-F '58. (MIRA 11:3)

1. Laboratoriya biofiziki Ural'skogo filiala AN SSSR, Sverdlovsk.
(YTTRIUM, radioactive, eff. of complexes on deposition
& excretion (Rus)
(ISOTOPES, metabolism, radiocerium, eff. of complexes on
deposition & excretion (Rus)
(PLUTONIUM, metabolism, eff. of complexes on deposition &
excretion (Rus)
(CHELATING AGENTS, effects, complexes on radiocerium,
radioyttrium & plutonium deposition & excretion (Rus)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520005-0

SEMELEV, D.I.; TREGUBENKO, I.P.

Effect of complexes on the behavior of metals and radiation emitters
in the organism. Report No.4: Comparative effect of different
complexes. Trudy Inst. biol. UFAN SSSR no.12:23-33 '60.

(Radiation protection)

(MIRA 14:1)

(Chelating agents)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520005-0"

TREGUBENKO, I.P.

Characteristics of the behavior of radioactive substances in the
organism. Trudy Inst. biol. UFAN SSSR no. 13:49-56 '60.
(MIRA 14:1)

(Radioactivity--Physiological effect)

TREGUBENKO, I.P.; YASHUNSKIY, V.G.; SEMENOV, D.I.

Accelerating the elimination of yttrium, cerium, and lead from the organism with the aid of ethylenediaminetetraacetic acid, diethylenetriaminepentaacetic acid and the diamindioethyl ester of tetraacetic acid. Biokhimiia 26 no. 1:177-187 Ja-F '61.
(MIRA 14:2)

1. Laboratory of Biophysics, Institute of Biology, the Ural Branch of Academy of Sciences of the U.S.S.R., Sverdlovsk, and Union Research Chemo-Pharmaceutic Institute, Moscow.
(ACETIC ACID) (METALS IN THE BODY) (EXCRETION)

TREGUBENKO, I.P.

Behavior of radiators in an organism and methods of accelerating
their excretion. Trudy Inst.biol. UFAN SSSR. no.22;69-75 '62.
(MIRA 16:3)

(RADIATION—SAFETY MEASURES)

SEMENOV, D.I.; TREGUBENKO, I.P.

Mobilization of Ce¹⁴⁴ and Pb²¹⁰ from the tissues of the organism
by the late use of diethylenetriamine pentaacetate. Biokhimia
(MIRA 15:8)
27 no.2:317-321 Mr-Apr '62.

1. Laboratory of Biophysics, Biological Institute of the Ural
Branch of Academy of Sciences of the U.S.S.R., Sverdlovsk.
(RADIOISOTOPES--PHYSIOLOGICAL EFFECT) (ACETIC ACID)

TREGUBENKO, I.P.; PODGORNAYA, I.V.; POSTOVSKIY, I.Ya.; SEMENOV, D.I.

Rapid elimination of yttrium, cerium, and lead from the organism with
uramildiacetate, 1,2-diaminecyclohexanetetracetate and polyethylene-
polyaminopolyacetate. Radiobiologiya 2 no.2:200-206 '62.
(MIRA 15:4)

1. Laboratoriya biofiziki i Institut khimii Ural'skogo filiala
AN SSSR, Sverdlovsk.
(RADIOISOTOPES)

32385

S/626/60/000/013/001/003

B103/B147

27.12.70

AUTHOR: Tregubenko, I. P.

TITLE: Rules governing the behavior of radioactive emitters in the organism

SOURCE: Akademiya nauk SSSR. Ural'skiy filial. Institut biologii. Trudy. no. 13. Sverdlovsk, 1960. Sbornik rabot Laboratorii biofiziki. no. 3, 49 - 56

TEXT: The effects of elements in the author's laboratory used for labeling, are discussed. All types of behavior of radioactive and stable metal isotopes in the animal organism were studied. It is mentioned that industrially produced preparations often contain substantial quantities of isotopic and non-isotopic impurities so that the study of the effect of these emitters on the basis of the incorporated weight dose is very difficult. The non-uniform distribution of emitters in the organs (Table 2) results in a steady transition from emitters accumulated exclusively in the skeleton over emitters accumulated predominantly in the skeleton to emitters accumulated predominantly in the liver; certain emitters are uniformly distributed

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B103/B147

Rules governing the behavior...

over all organs. The metabolism of yttrium and particularly cerium is closely related to the calcium metabolism in the bone tissue; whereas the plutonium metabolism is entirely independent. Usually metals are much more rapidly eliminated from soft tissues than from bone tissue. The velocity of their mobilization and the modes of excretion differ strongly. The following rule results from the data obtained: in several cases, the common properties of the relevant group of the periodic system are apparent. All alkaline earths belong to the "exclusively skeleton" type, the trans-uranium elements to the liver type and the alkalies to the "uniform" type. At the same time, essential divergences exist between the above-mentioned purely phenomenological classification and the position of the metals in the different groups of the periodic system. For instance, UVI has to be classified as "exclusively skeleton" element; whereas Po, Ru, and Nb which belong to different groups of the system are like alkalies "uniformly distributing" elements. Yttrium has to be classified as "predominantly skeleton" element, contrary to its chemical properties. This depends on whether the metal cations form readily or poorly soluble, simple or complex compounds in the blood plasma and tissue fluid, which can be sorbed on the surfaces or are conserved as cations. Addition of a stable isotope carrier

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Rules governing the behavior...

to unweighable quantities of radioactive lead or yttrium increases their absorption in the liver at the expense of accumulation in the skeleton. A possible explanation is that the solubility product or the capacity of the "biocomplexons" in the blood are exceeded when weighable metal quantities are incorporated. Macrochemical data are, however, often insufficient to interpret results of animal tests. The deviation of the behavior of some metals from the type of their group, if they have a marked capability of complex formation, is explained by a considerable accumulation of "biocomplexons" in the blood (mineral, organic, and amino acids, etc.). As a consequence, heavy-metal salts dissolve more readily in blood than in water. The processes of mineral metabolism should be clarified by further studies including all types of "biocomplexons". There are 2 figures, 4 tables, and 6 references: 5 Soviet and 1 non-Soviet. The reference to the English-language publication reads as follows: Hamilton J. G. The metabolism of the fission products and the heaviest elements. "Radiology", 1947, v. 49, no. 3, 325.

ASSOCIATION: Laboratoriya biofiziki Ural'skogo filiala Akademii nauk SSSR
(Laboratory of Biophysics of the Ural Branch of the Academy
of Sciences USSR)

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27. 3/60 also 7204.19191 1565 1282 S/626/60/000/012/001/010
Tregubenko, I. P., and Semenov, D. I.

AUTHORS:

TITLE:

PERIODICAL: Akademiya nauk SSSR. Ural'skiy filial. Institut biologii. Trudy. no. 12. Moscow, 1960. Sbornik rabot Laboratori biofiziki. no. 2: Problemy biofiziki, 5-22

TEXT: The first two reports in this series studied the change in the behavior of radioactive agents in the body under the effects of ethylenediaminetetraacetic acid (EDTA). The present report gives the results of research carried out with complexones of the phosphate group. The aim of the study was to find the most effective and, at the same time, the least toxic phosphates and to determine the general pattern of their action on the behavior of radioactive agents in the body. The tests were carried out on white rats. Polyphosphates and metaphosphates (sodium pyrophosphate, sodium tripolyphosphate, sodium hexametaphosphate, sodium tetrameta-

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The effects of complexones ...

phosphate, sodium trimetaphosphate and sodium orthophosphate) were administered to the rats parenterally before, during or soon after incorporation of radioactive agents (strontium, yttrium, lead, plutonium) in indicator quantities. The excretion of the radioactive agent with the urine and the stools was recorded and a dynamic study made of the radioactivity content of the liver, kidneys, skeleton, spleen and carcass. It was found that administration of the poly- and metaphosphates led to a marked drop in deposition of the radioactive agent in the skeleton, increased its excretion with the urine and intensified its deposition in the parenchymatous organs. The lower the dose of phosphate administered, the less the effect on the deposition of radioactive agent in the skeleton and excretion of the agent with the urine but the more marked the increase in deposition of the radioactive agent in the soft organs. The lower the fraction of radioactive agent in the blood when the phosphate is injected, the less marked is the phosphate's effect on the agent's deposition in the organs and its excretion with the urine. In relation to most of the radioactive isotopes tested, phosphates

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The effects of complexones ...

proved less effective than EDTA. In contrast to the latter, however, they increased the excretion of radioactive strontium from the skeleton. The authors conclude that trimetaphosphate, because of its low toxicity, lack of noticeable decomposition in the body and its ability to eluate radioactive strontium from the bone tissue, may have a possible clinical application and merits further research. There are 8 figures, 11 tables and 25 references: 9 Soviet-bloc and 16 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: R. E. Gosselin, E. R. Coghill, The stability of complexes between calcium and orthophosphate, polymeric phosphate and phytate. Arch. Biochem. a. Biophys., 1953, 45, 301; R. E. Gosselin, A. Rothstein, G. F. Miller, H. L. Berke, The hydrolysis and excretion of polymeric phosphate. J. Pharm. Exptl. Therap., 1952, 106, 180; R. E. Gosselin, C. S. Tibdall, R. Megirian, E. A. Maynard, W. L. Downs, H. C. Hodge, Metabolic acidosis and hypocalcemia as toxic manifestations of polymeric phosphates. J. Pharm. Exptl. Therap., 1953, 108, 117; C. B. Monk, The condensed phosphoric acids and their salts. VI. Dissociation constants of strontium trimetaphosphate and tetrametaphosphate. J.

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X

The effects of complexones ...

Chem. Soc., 1952, 1314, 1317.

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31448
S/626/60/000/012/002/010
27.3610 also 2209, 2919 1565 1282 D298/D303

AUTHORS: Semenov, D. I., and Tregubenko, I. P.

TITLE: The effects of complexones on the behavior of metals and radioactive agents in the body. IV. Comparison of the action of various complexones

PERIODICAL: Akademiya nauk SSSR. Ural'skiy filial. Institut biologii. Trudy. no. 12. Moscow, 1960. Sbornik rabor Laboratori biofiziki. no. 2: Problemy biofiziki, 23-33

TEXT: Modern research on biocomplexones indicates that they may assist in forming various physicochemical fractions of a particular radioactive metal in the blood and, consequently, may play a direct part in the mineral metabolism. Complexones may, therefore, have a practical use in helping to excrete radioactive agents and toxic metals from the body. The present work is a comparison of the effectiveness of various complexones studied in the authors' laboratory and also by other researchers. The authors collate their own experiments on white laboratory rats with the results of studies by Western and Soviet researchers. The study involves the effect

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of EDTA, hexametaphosphate, nitrilotriacetate, sodium citrate, calcium citrate and trimetaphosphate on the radioactive isotopes of yttrium, strontium, cerium, lead and plutonium. Of the complexones tested EDTA proved most effective in reducing the deposition of yttrium and lead in the organs and tissues when administered shortly after incorporation of the radioactive agent. Sodium citrate was most effective in mobilizing incorporated yttrium and lead from the bone tissue. The deposition of cerium and plutonium in the organs was prevented to the greatest extent by hexametaphosphate. In contrast to EDTA and nitrilotriacetate which somewhat increased the deposition of cerium in the bone tissue, hexametaphosphate and the other phosphates reduced the deposition of this metal in the skeleton. As regards radioactive strontium, only sodium citrate and the phosphates reduced its deposition in the skeleton. The administration of trimetaphosphate at late stages after incorporation of strontium notably accelerated the excretion of strontium from the bone tissue, whereas in these circumstances citrate had no effect. The effect of the complexones on the behavior of incorporated metals increases with a rise in the constant of calcium expulsion

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The effects of complexones ...

from the complex compounds by the particular cation. As regards strontium, those complexones such as citrate and the phosphates which form compounds of similar stability with both strontium and calcium proved most effective, whereas considerable more powerful complexones such as EDTA and nitrilotracetate, the stability of whose complexes with strontium is 1.5 - 2 orders of value lower than with calcium, had no effect. The differences in the action of the complexones on the behavior of the incorporated cation can be explained only by a strict appraisal of all the physicochemical constants of the complexones tested and the specific features of the living organism. The authors call for more research to determine the role of complexones in the mineral metabolism and, in particular, the significance of the constant of stability of the compounds which they form. There are 8 figures, 1 table and 18 references: 11 Soviet-bloc and 7 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: S.H. Cohn, J. K. Gong, Effect of chemical agents on skeletal content and excretion of injected Strontium-89. Proc. Soc. Exp. Biol. a. Med., 1953, 83, 550; H. Foreman, Th. Trujillo, The metabolism of

X

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The effects of complexones ...

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D298/D303

¹⁴C-labeled ethylenediaminetetraacetic acid in human beings. J. Lab. a. Clin. Med., 1954, 43, 566; H. Foreman, M. Vier, M. Magee, The metabolism of ¹⁴C-labeled ethylenediaminetetraacetic acid in the rat. J. Biol. Chem., 1953, 203, 1045; J. Schubert, H. Wallace, The effect of zirconium and sodium citrate on the distribution and excretion of simultaneously injected thorium and radiostrontium. J. Biol. Chem., 1950, 157, 183.

Card 4/4

TRAGUBENKO, I.P., SEMENOV, D.I., (USSR)

"The Late Administration of Chelating Agents and the
Accelerated Excretion of Metals from the Body."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

TREGUBENKO, I.P.; SEMENOV, D.I.

Effect of complexes on the behavior of metals and radiation emitters
in the organism. Trudy Inst. biol. UFAN SSSR no.12:5-22 '60.
(MIRA 14:1)

(Phosphates) (Radiation protection)
(Chelating agents)

"APPROVED FOR RELEASE: 03/20/2001

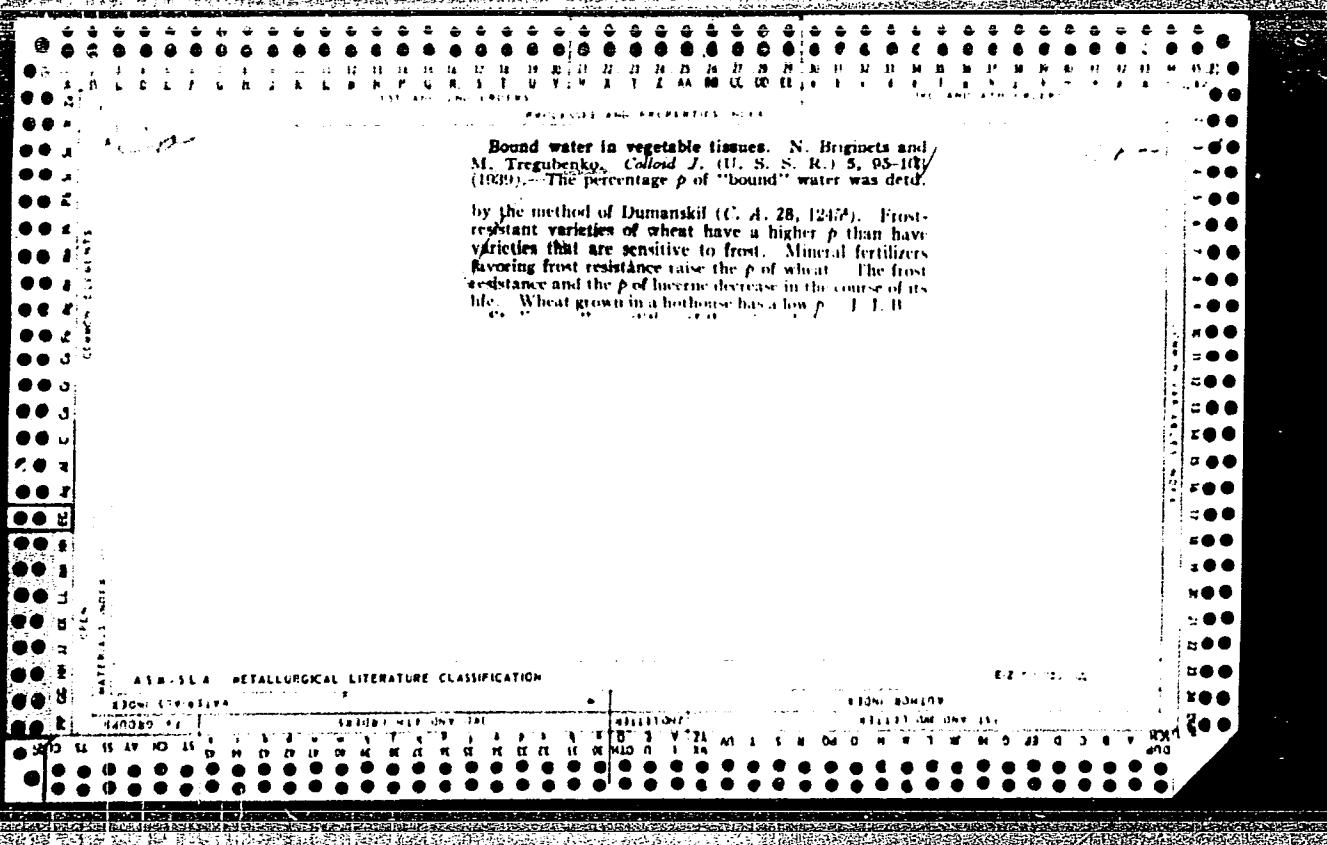
CIA-RDP86-00513R001756520005-0

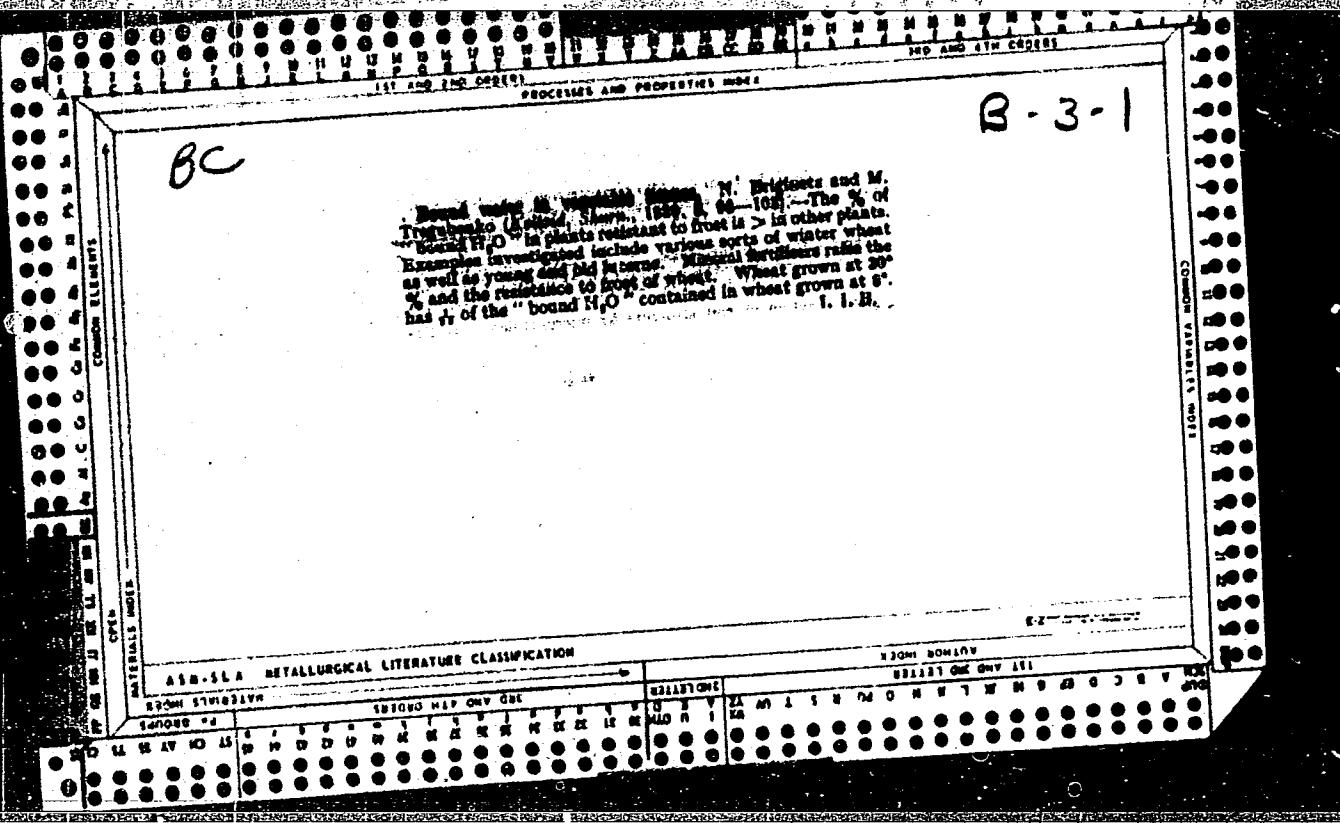
TREGUBENKO, L.Ye., inzh.

Propellers for sail yachts. Sudostroenie 28 no. 3:39-40 Mr
'62. (MIRA 15:4)
(Yacht building)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520005-0"





BUZZETTI, Dante Karlovich; TONLYANOVICH, David Karlovich;
TREGUBENKO, M.G., ed.

[Protection of streetcar and trolleybus contact networks
from short-circuit currents] Zashchita tiagovykh setei
tramvaia i troleibusov ot tokov korotkogo zamykaniia. Mo-
skva, Stroizdat, 1964. 46 p. (MIRA 17:9)

TREGUBENKO, M.G.

Mobile traction substation for supplying power to streetcar
lines and trolley buses. Gor.khoz.Mosk. 33 no.11:17-20
N '59. (MIRA 13:2)

1. Glavnyy inzhener tresta "Mosselektrotrans."
(Moscow--Electric substations)

SHAPOSHNIKOV, Vasiliy Grigor'yevich; TREGURENKO, M.G., red.; PIYASHEVA, M.V., red. Izd-va; KHENOKH, F.M., tekhn. red.

[Sealed mercury-arc rectifiers; experience in the operation of type RM-500 VS and RMV-25x6 rectifiers] Zapaiannye rtutnye vypriamiteli; opyt ekspluatatsii vypriamitelei tipov RM-500 VS i RMV-250x6. Moskva, Izd-vo MKKh RSFSR, 1962. 53 p.

(MIRA 16:3)

(Mercury-arc rectifiers) (Electric substations)

TREGUBENKO, Mikhail Grigor'yevich; SHAPOSHNIKOV, Vasiliy Grigor'yevich;
TOMLYANOVICH, D.K., red.; AVRUSHCHEMKO, R.A., red.izd-va; SHLIKHT,
A.A., tekhn.red.

[Maintenance and repair of substations of street car and trolley
buslines] Ekspluatatsia tiagovykh podstantsii tramvai i trolley-
busa. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1959. 442 p.
(MIRA 12:11)

(Electric substations)

TREGUBENKO, M.G., inzh.; YEFRETOV, L.N., inzh.

Changes in the design of the VAB-20-150M switch. Elektrotehnika
35 no.7:49-50 '64. (MIRA 17:11)

MOLODYKH, Igor' Aleksandrovich; TREGUBENKO, Mikhail Grigor'yevich;
CHERTOK, Mark Semenovich; VOLCHENOV, V.N., red.

[Manual for studying the Regulations for the Maintenance
of Trolleybuses] Posobie dlja izuchenija Pravil tekhniches-
koi ekspluatatsii trolleybusov. Moscow, troizdat,
1964. 226 p. (MIRA 17:8)

PROKAPALO, I.S., kand. sel'khoz. nauk; TREGUBENKO, M.Ya.
[Trehubenko, M.IA.], kand. sel'khoz. nauk; ARTYUKHOV,
Y.K., kand. sel'khoz. nauk; KRYACHKO, P.G.[Kriachko,
P.H.], st. nauchn. sotr.; MAKODZEEBA, I.O., kand. sel'-
khoz. nauk; SIDENKO, I.O., kand. biol. nauk; SUSIDKO,
P.I., kand. biol. nauk; REPIN, A.M.[Riepin, A.M.], kand.
sel'khoz. nauk; LOGACHOV, M.I.[Lohachov, M.I.], kand.
sel'khoz. nauk; OSTAPOV, V.I., kand. sel'khoz. nauk;
ZAFOROZHCHENKO, O.L., kand. sel'kh.nauk; FLYAGIN, A.D.[Fliashin, A.D.],
kand. ekon. nauk; KANIVETS', I.D., st. nauchn. sotr.;
SKRIPNIK, P.S.[Skrypnyk, P.S.], red.; GULENKO, O.I.
[Hulenko, O.I.], tekhn. red.

[Advanced practices in growing corn] Perekrovi metody vy-
roshchuvannia kukurudzy. 2., perer. i dop. vyd. Kyiv,
Derzhsil'hospvydav, URSR, 1962. 231 p. (MIRA 17:1)

TREGUBENKO, M.Ya.

M

COUNTRY : USSR
CULTIVATED PLANTS: Fodder Grasses and Roots.

ART. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959. No. 1076

AUTHOR : Tregubenko, M.Ya.; Nepomnyashchiy, V.I.
TRANSLATOR :

TITLE : Productivity of Irrigated Alfalfa in the Conditions of the Central Steppe of the Ukraine SSR.

OPAC. NUB. : Zemledeliye, 1958, No.1, 76-78

ABSTRACT : In the droughty steppe of the Ukraine SSR, experiments were carried out in 1954-1955 with alfalfa of 1952 sowing in plots of 150 m². Observations showed that it was not profitable to raise the irrigation quota for alfalfa above 2000 m³. With one and the same quantity of irrigation water, the crop of alfalfa hay was higher with two waterings near mowing, but this is confirmed only with a water quota not less than 1500 m³/hectare. FOR

CARD. : 1/2

COUNTRY
CULTURE

CULTIVATED PLANTS.

ABR. CODE. REF ZHUR. · BIOLOGIYA, NO. 4, 1959,

AUTHOR
TITLE
TITLE

IC. 15697

ORIG. IUR. :

ABSTRACT

frequent waterings with moderate quota of not less than 700 to 800 m³ produce the best results. The reduction of the quota to 500 m³ does not achieve the purpose: being concentrated in the top soil layers, failing to penetrate to lower levels, the moisture is evaporated rapidly in the hot summer months. Watering can also be confined to one dose before mowing, but the quota must be not less than 1000 m³/ha.

-- O.A. Gorbunova

CARD: 2/2

TREGUBENKO, M.Ya., kand.sel'skokhozyaystvennykh nauk

Effect of the developmental stage on the dynamics of starch
accumulation in roots of perennial legumens. Agrobiologija
no.6:931-935 N-D '59. (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kukurusy,
Dnepropetrovsk.
(Legumes) (Roots(Botany)) (Starch)

3/20/2001 CIA-RDP86-00513R001756520005-0

COUNTRY : USSR
CATEGORY : Cultivated Plants - Forage Crops.
ABR. JOUR. : Zemledel., No.14, 1958, №.6349
AUTHOR : Tregubenko, M. Ya.
INST. TITLE : All-Union Scientific Research Institute of Corn
Dynamics of Starch in Storage Organs.
ORIG. PUB. : Biol. Vses. u.-i. in-ta kukuruzy, 1956, No. 2, 24-27
ABSTRACT : Laboratory and field tests on the determination of the
accumulation and expenditure of nutrients in perennial
leguminous grasses were conducted on a good herbage of
alfalfa in the 3rd year of life, under the conditions of
optimum water supply during the entire vegetative period.
It was determined that accumulation of nutrients in storage
organs proceeds during the entire period of vegetation and
is in direct proportion to the conditions of mowing. Mow-
ing when the height of the plants is 15-25 cm leaves roots
without starch to the depth of 50 cm and more. With the
height of the plant of 35 cm, the beginning of the formation

COUNTRY : USSR
CATEGORY : Cultivated Plants - Forage Crops.

COLLECTOR : Vasil'ev, No. 14, 1973, No. 6549

ALTRN.
LNG.
TITLE :

ORG. FOR. :

ABSTRACT : of starch was noted by the time of sowing, and cutting herbage 45 cm in height secures stores of starch in the area of the roots to 0-30 cm already in the first mowing, with the cutting of plants which reached the height of 55 cm at budding stage, an appreciable accumulation of starch is secured with the first mowing and with the subsequent cuttings this accumulation is considerable. An even greater amount of starch in the roots was found when mowing herbage at the beginning of blossoming. In full bloom, mowing leads to a high accumulation of the hay mass and permits plants to create plentiful reserves of starch in the roots. -- T. I. Karelina

Card: 2/2

COUNTRY	:	USSR
CATEGORY	:	Cultivated Plants. Grains. Legumes. Tropical Cereals.
ABS. JOUR.	:	RZhBiol., No. 3, 1959, No. 10934
AUTHOR	:	Tregubenko, M. Ya.
INST.	:	All-Union Scientific Research Institute of Corn
TITLE	:	The Planting and Yield Qualities of the Seeds of Different Fractions When Grading Corn According to Size.
ORIG. PUB.	:	Byul. Vses. n.-i. in-ta kukuruzy, 1957, No. 1, 8-14.
ABSTRACT	:	A study of the planting and productive qualities of the corn seeds of the hybrids VLR 42 and Uspokh and of Dnepropetrovskaya variety in relation to their size was conducted in 1956 at the Central Breeding and Experimental Station of VNIIK (All-Union Scientific Research Institute of Corn) (Sinch'nikovo). The small-sized fractions are characterized first of all by the non-uniformity of the sprouts and a sharp decrease in the weight of the roots. With the increase in the size of the seeds, there is observed an improvement in the planting and biological

CARD: 1/2

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COUNTRY :	
CATEGORY :	
ABS. JCUR.	: RZhBiol., No. 1959, No. 10934
AUTHOR :	
INST.	:
TITLE :	
ORIG. PUB. :	
ABSTRACT :	characteristics. The advantage of the large-sized seeds is also expressed in the acceleration of the appearance of the reproductive organs and in the increase of the yielding ability. --- N. F. Kravtsova
CARD: 2/2	

TREGUBENKO, M.Ye.

Effect of the growing conditions of alfalfa on its frost resistance
and winter hardiness. Nauk.zap.Kiev.un. 8 no.5:117-133 '49.
(MLRA 9:10)

(Alfalfa) (Plants--Frost resistance)

TREBUHENKO, M. Ya.

Trebenko, M. Ya. and Rak, F. K. - "The problem of shortening the roots in alfalfa," Doklady Vsesoyuz. akad. s.-kh. nauk im. Lenina, 1949, Issue 2, p. 9-14, - Bibliogr.: 7 items

SO: U-355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

TREGUBENKO, M.Ya., kand. sel'skokhozyaystvennykh nauk; NEPOMNYASHCHIY, V.I.

Productivity of irrigated alfalfa in the central steppes of the
Ukraine. Zemledelie 6 no.1:76-78 Ja '58. (MIRA 11:1)
(Ukraine--Alfalfa)

TREGUBENKOV, N.M., kand. tekhn. nauk

Track laid on reinforced concrete base. Put' i put. khoz. no. 7:23
(MIRA 11:7)
J1 '58.
(Railroads--Track)

TREGUBENKOV, N. M., Doc Tech Sci (diss) -- "The problem of intrafactory rail communications in ferrous-metallurgy and heavy-machinebuilding plants". Moscow, 1959. 34 pp (Min Higher Educ USSR, Moscow Order of Labor Red Banner Construction Engineering Inst im V. V. Kuybyshev), 130 copies (KL, No 25, 1959, 132)

~~SECRET//NOFORN//REL TO USA~~ I S S U E D
MANAGER OF LABOR RED CARRIER ENGINEERING CONSTRUCTION IN TIRANE V. V. ROYALTY

TRUDOVICH V. V. -- "THE PRINCIPLE OF LAYING OUT HIGHWAY." (COUNCIL DAY 1, 1954. PER
OF LABOR RED CARRIER ENGINEERING CONSTRUCTION IN TIRANE V. V. ROYALTY (DEDICATION OF
THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCE.)

SO: VECHERNAYA MOJVA, JANUARY-DECEMBER 1954

TREGUBENKOV, N.M., kand.tekhn.nauk

Contact strength of rails and increase of their life. Zhel. dor.
transp. 40 no.5:46-49 My '58. (MIRA 11:6)
(Railroads--Rails)

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520005-0

TREGUBENKOVA, T.F. (Moskva)

Endocarditis. Med.sestra 15 no.9;8-12 S '56.
(ENDOCARDITIS)

(MLR 9:11)

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520005-0"

TREGUBENKO, V.

Swimming relays on all the seas and rivers of the country. Voen.
znan. 38 no.4:37 Ap '62. (MIRA 15:4)

1. Predsedatel' Krasnodarskogo krayevogo komiteta Dobrovol'nogo
obshchestva sodeystviya armii, aviatii i flotu.
(Swimming)

TREGUBENKO, V.

Toward the Spartakiada. Voen. znam' 39 no.11:16-17 N 163.
(MIRA 17:2)

1. Predsedatel' Krasnodarskogo krayevogo komiteta Dobro-vol'nogo obshchestva sodeystviya armii, aviatsii i flotu.

TREGURENKO, V. V.

TREGUBENKO, V. V.: "Some cases of the stressed state of thin sheets."
Min Higher Education Ukrainian SSR. Khar'kov Construction Engineering Inst. Khar'kov, 1956. (Dissertation for the Degree of Candidate in Technical Sciences).

Source: Knizhnaya letopis' No. 28 1956 Moscow

TREGUBOV, Prof

PA 59/4943

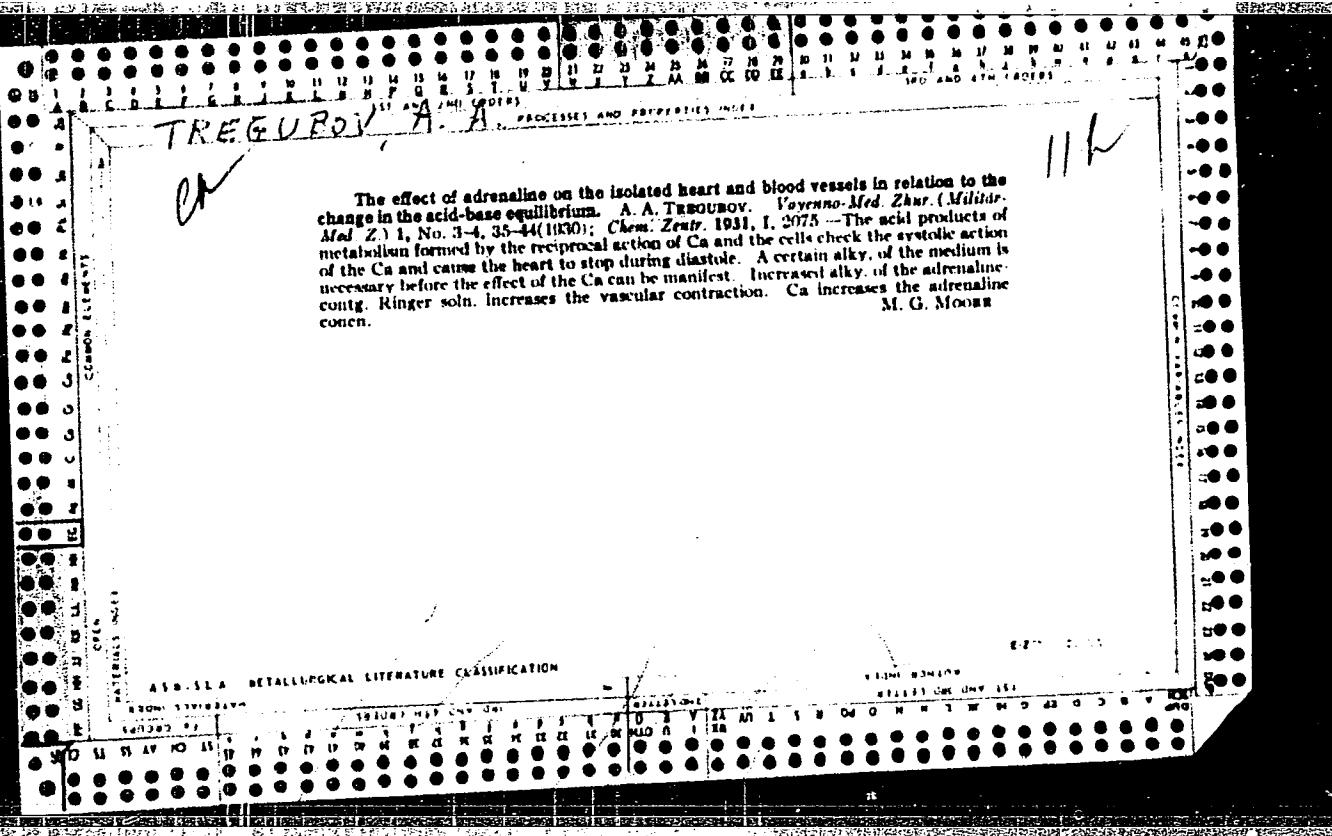
USSR/Medicine - Literature
Medicine - Oxygen Deficiency

May/Jun 49

"Review of Kh. I. Vaynshteyn's Book, 'Oxygen Deficiency and Oxygen Therapy,'" Prof N. N. Savitskiy, Hon Sci., Gen Maj, Med Corps, Prof Tregubov, Col, Med Corps, 2 $\frac{1}{2}$ pp

"Terap Arkhiv" Vol XXI, No 3

Reviews Prof Vaynshteyn's monography, which casts some light on clinical problems relevant to oxygen deficiencies and oxygen therapy. Its value, however, is impaired in that it contains numerous errors in stylistic arrangement, and especially inaccurate treatment of the problem.



TREGUBOV, A. I.
30971. TREGUBOV, A. I. AND BULATOVA, A. P.

Primenenie antirektikuloendotelial'noy tsitotoksicheskoy cyvorotki akad. Bogomolytsa pri lechenii infarkta miokarda. [Doklad na nauch. sessii In-ta im. Sklifosovskogo. Dek. 1946 g.] V sb: Voprosy ostroy vnutrenney kliniki M., 1949, s. 79-90

ALEKSEYEV, G.P.; ANDON'YEV, V.S.; ARNGOL'D, A.V.; BASKIN, S.M.;
BASHMAKOV, N.A.; BEREZIN, V.D.; BERMAN, V.A.; BIYANOV, T.F.;
GORBACHEV, V.N.; GRECHKO, I.A.; GRINEUKH, G.S.; GROMOV, M.F.;
GUSEV, A.I.; DEMENT'YEV, N.S.; DMITRIYEV, V.P.; DUL'KIN, V.Ya.;
ZVANSKIY, M.I.; ZENKEVICH, D.K.; IVANOV, B.V.; INYAKIN, A.Ya.;
ISAYENKO, P.I.; KIPRIYANOV, I.A.; KITASHOV, I.S.; KOZHEVNIKOV,
N.N.; KORMYAGIN, B.V.; KROKHIN, S.A.; KUDOYAROV, L.I.;
KUDRYAVTSEV, G.N.; LARIN, S.G.; LEBEDEV, V.P.; LEVCHENKOV,
P.N.; LEMZIKOV, A.K.; LIPGART, B.K.; LOPAREV, A.T.; MALYGIN,
G.F.; MILOVIDOVA, S.A.; MIRONOV, P.I.; MIKHAYLOV, B.V., kand.
tekhn. nauk; MUSTAFIN, Kh.Sh., kand. tekhn. nauk; NAZIMOV, A.D.;
NEFEDOV, D.Ye.; NIKIFOROV, I.V.; NIKULIN, I.A.; OKOROCHKOV, V.P.;
PAVLENKO, I.M.; PODROBINNIK, G.M.; POLYAKOV, G.Ya.; PUTILIN, V.S.;
RUDNIK, A.G.; RUMYANTSEV, Yu.S.; SAZONOV, N.N.; SAZONOV, N.F.;
SAULIDI, I.P.; SDOBNIKOV, D.V.; SEMENOV, N.A.; SKRIPCHINSKIY, I.I.;
SOKOLOV, N.F.; STEPANOV, P.P.; TARAKANOV, V.S.; TREGUBOV, A.I.;
TRIGER, N.L.; TROITSKIY, A.D.; FOKIN, F.F.; TSAREV, B.F.; TSETSULIN,
N.A.; CHUBOV, V.Ye., kand. tekhn. nauk; ENGEL', F.F.; YUROVSKIY,
Ya.G.; YAKUBOVSKIY, B.Ya., prof.; YASTREBOV, M.P.; KAMZIN, I.V., prof.,
glav. red.; MALYSHEV, N.A., zam. glav. red.; MEL'NIKOV, A.M., zam.
glav. red.; RAZIN, N.V., zam. glav. red. i red. toma; VARPAKHOVICH,
A.F., red.; PETROV, G.D., red.; SARKISOV, M.A., prof., red.;
SARUKHANOV, G.L., red.; SEVAST'YANOV, V.I., red.; SMIRNOV, K.I.,
red.; GOTMAN, T.P., red.; BUL'DYAYEV, N.A., tekhn. red.

(Continued on next card)

ALEKSEYEV, G.P.---(continued). Card 2.

[Volga Hydroelectric Power Station; a technical report on the design and construction of the Volga Hydroelectric Power Station (Lenin), 1950-1958] Volzhskaya gidroelektrostantsiya; tekhnicheskii otchet o proektirovani i stroitel'stve Volzhskoi GES imeni V.I.Lenina, 1950-1958 gg. V dvukh tomakh. Moskva, Gosenergoizdat. Vol.2.[Organization and execution of construction and assembly work] Organizatsiya i proizvodstvo stroitel'no-montazhnykh rabot. Red. toma: N.V.Razin, A.V.Arngol'd, N.L. Triger. 1962. 591 p. (MIRA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Razin).
(Volga Hydroelectric Power Station (Lenin)--Design and construction)

FOKINA, A.A.; TREGUBOV, A.I.

Combination of myxedema and hypertension. Trudy Inst. im.
N.V. Sklif. 5 no.2:221-223 '62. (MIRA 18:6)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R001756520005-0"

Abs Jour : Ref Zhur - Biologiya, No. 22, 1953, No 99662

Author : Tregubov, A.N.; Klechetova, A.M.; Kalugina, T.I.

Inst : Central Scientific Research Disinfection Institute.

Title : The Development of Anti-fly Measures in USSR and Their
Perspectives.

Orig Pub : Tr. Tsentr.n.-i.dezinfekts.in-ta, 1957, vyp,10,186-192

Abstract : No abstract.

ACTIVITY : USSR
CATEGORY : Zooparasitology. Acarids and Insects as Vectors
of Disease. Insects
PERIOD. JOUR. : RZhBiol., No. 4 1959, No. 15030

AUTHOR : Tregubov, A. N.; Klechotova, A. N.; Kalugina,^{*}
INST. : Tsentral'ny Scientific Research Disinfection Institute
TITLE : On the Application of a New Form of DDT - Paste
TsuNIDI - under Practical Conditions. The Problem
of Improvement of the Quality of Anti-Fly Agents^{**}
CITE. PUP. : Tr. Nauchn. n.-i. dezinfekts. in-ta, 1957, vyp.
10, 193-197

ABSTRACT : Field tests carried out in 1954 at Stalingorsk
showed that the paste TsuNIDI, containing 55-65%
DDT as compared with 20% (Lubny brand) emulsion
of DDT with the same rate of expense (1.8-1.9
g/m²), had higher and more lasting insecticide
^{*}I. I.; Zakhарова, Ye. M.; Sivoldayeva, A. N.
^{**}(Results of the Work of an Expedition)

CARD: 1/3

23

COUNTRY :	G
CATEGORY :	
ARG. JOUR. :	RZhBiol., No. 4 1959, No. 15030
AUTHOR :	
INST. :	
TITLE :	
ORIG. PUB. :	
ABSTRACT cont'd	: activity. The average percentage of death of the flies following their contact with glass surfaces after 1, 8 and 35 days following their treatment with paste TsNIDI equaled 100, 99 and 90%. The death of flies during the same periods after their contact with treated plastered surfaces amounted to 97, 82 and 69%, and with surfaces painted with oil color, 100, 90 and 69%, respectively. The tests of DDT aerosols (at the rate of outlay of 0.1 or 0.2 g/m ²) in the buildings
CARD:	2/3

COUNTRY :	G
CATEGORY :	
ABC. JOUR. :	RZhBiol., No. 4 1959, No. 15030
AUTHOR :	
INST. :	
TITLE :	
ORIG. PUB. :	
ABSTRACT cont'd	: showed that their effect is extremely short-lived (1-2 days).-- N. Ya. Markovich
CARD:	3/3

21

TREGUBOV A. 48

Ca

22

Steam in rectification of petroleum products. A. Tsybunov. *Moskovskie Vestniki Neftegaz. Khimicheskogo Proizvodstva* 1929, No. 12, 37-61; cf. C. A. 22, 1822. Complete calcns. are given. Said steam produces a very small temp. interval within the rectifying column, the temp. being below the b. p. of H_2O . It is able to carry over large amounts of petroleum vapors and reflux oil. The fractionating efficiency of the column is lowered, the consumption of heat is increased and a considerable load is thrown on the condensers. Superheated steam has an entirely different effect and in its presence the fractionation of the oil proceeds under conditions which are comparable to those when fractionation is carried out in the absence of H_2O vapors. V. KALICHESKAYA

KOLOMYS, N.Ye., inzh.; SMIRNOV, A.P., inzh.; TREGUB, V.T., inzh.

Experience in using heat shields in 150 Mw. blocks. Elek.
sta. 35 no.38-12 Mr '64. (MIRA 17:6)

BONDAREVSKIY, Dmitriy Ivanovich; TREGUBENKO, Mikhail Grigor'yevich;
CHERTOK, Mark Semenovich; DUBROVIN, G.A., red.

[Textbook for studying the regulations of the technical opera-
tion of tramways] Posobie dlja izuchenija pravil tekhnicheskoi
ekspluatatsii tramvaev. Moskva, Izd-vo M-va kommun. khoz.
(MIRA 17:8)
RSFSR, 1963. 302 p.

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KRYVICH, ... in the "West Bank".

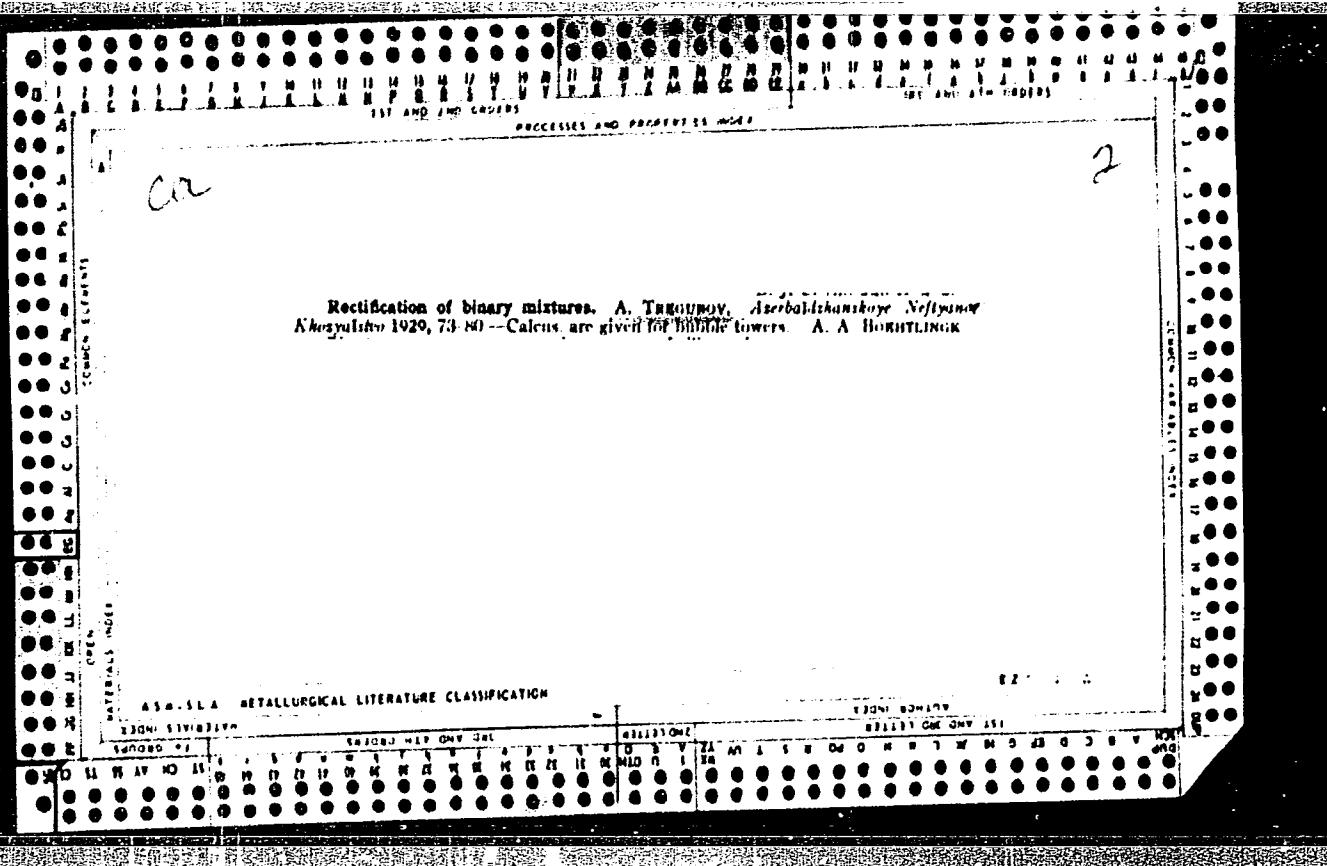
Reproducing the contents of this document may result in criminal liability
42 USC 1921(e)(5) and/or
18 U.S.C. 7701.

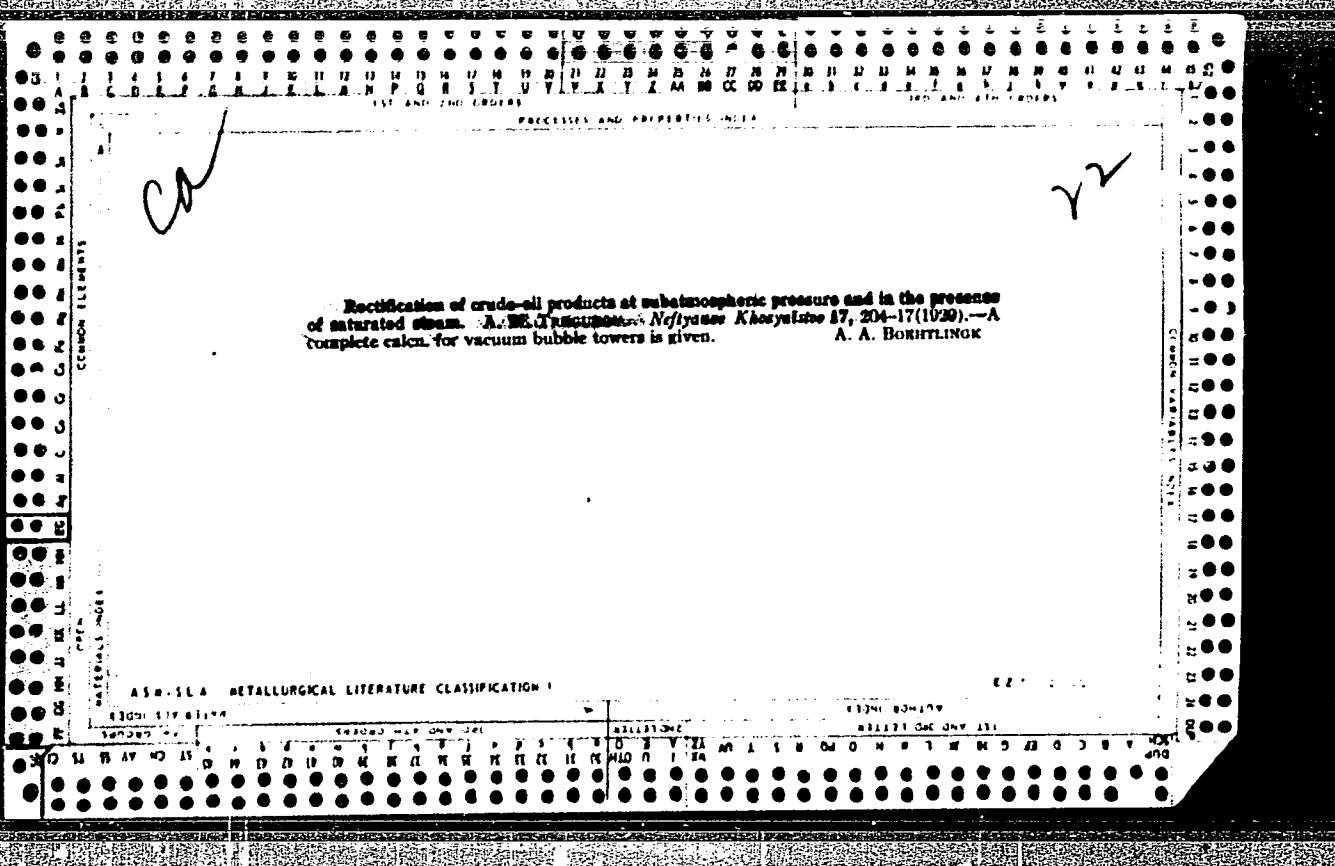
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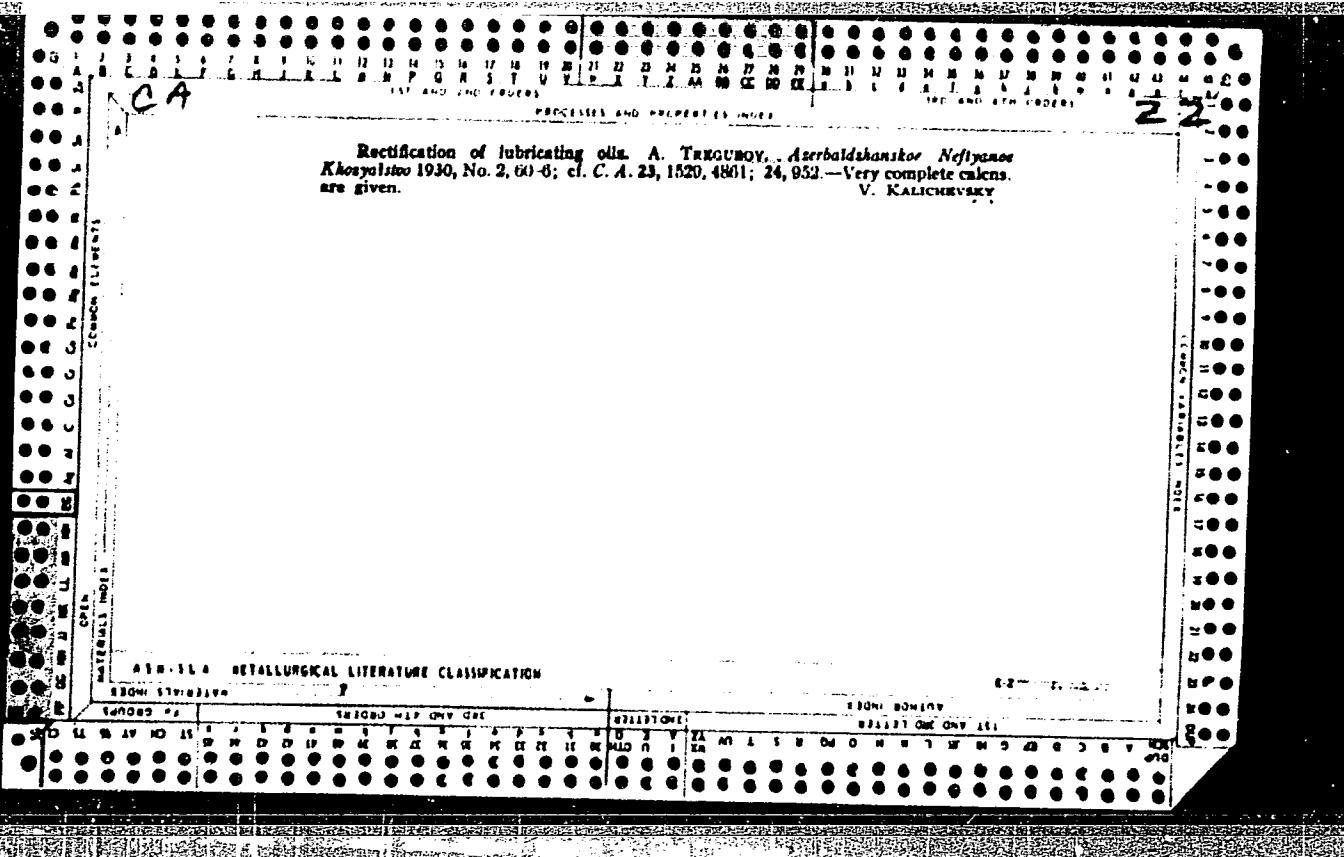
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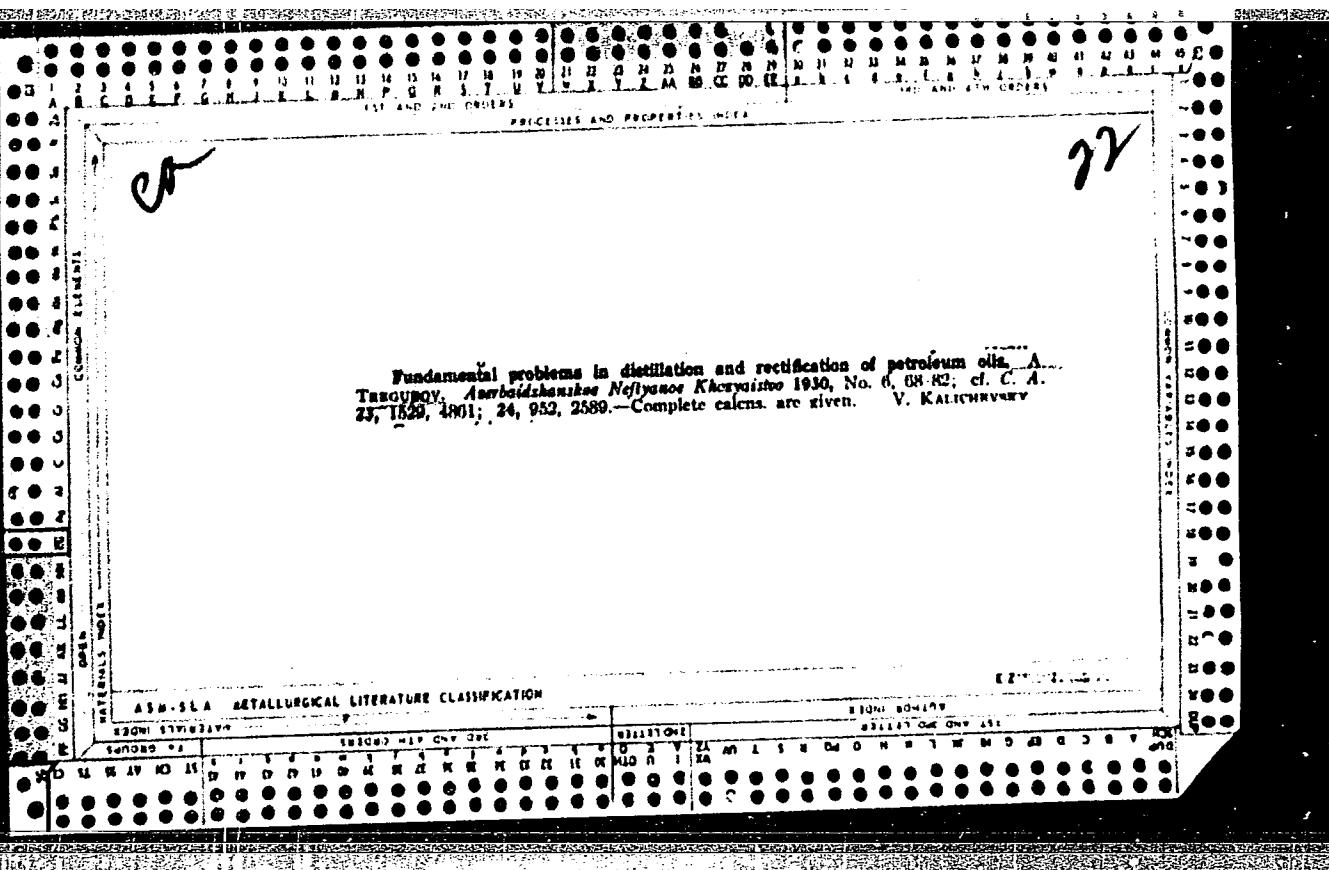
GITNIK, Semen Mikhaylovich, inzh.; TREGUBOV, Aleksey Ivanovich,
Inzh.; GOGOLITZK, Vladimir Alekseyevich, inzh.;
NAZYMOV, Abram Davidovich, inzh.; MAZHKE, G.F., nauchn.
red.

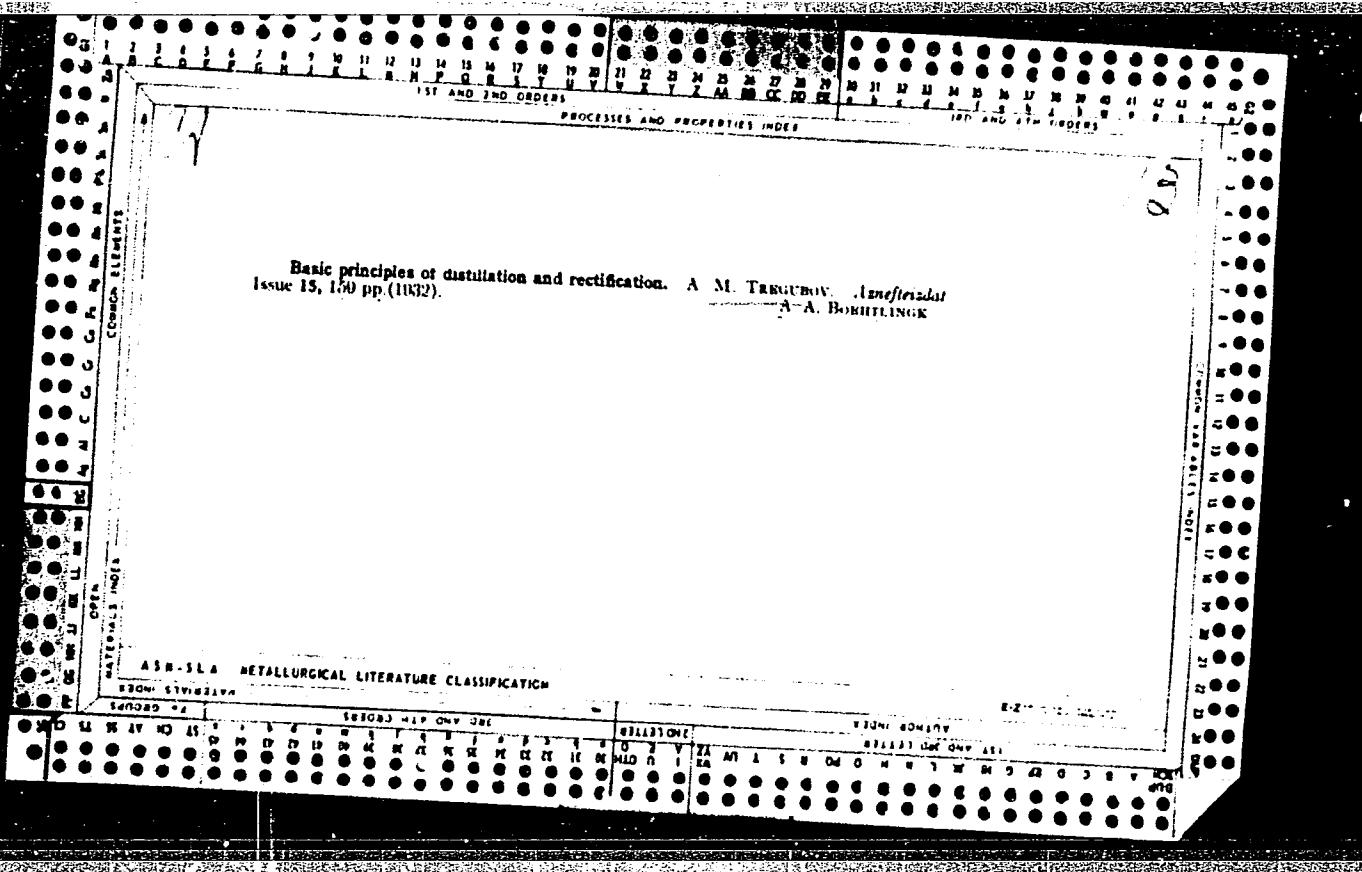
[New reinforced concrete elements for wide-span plants and
those without skylights; experience of the Construction
Administration of the Kuybyshev Hydroelectric Power Station]
Novye zhelezobetonnye konstruktsii dlia besfonarnykh i bol'-
sheproletnykh tsakhov; opyt Kuibyshevgidrostroia. Miskva,
Stroizdat, 1964. 127 p. (MIRA 17:11)

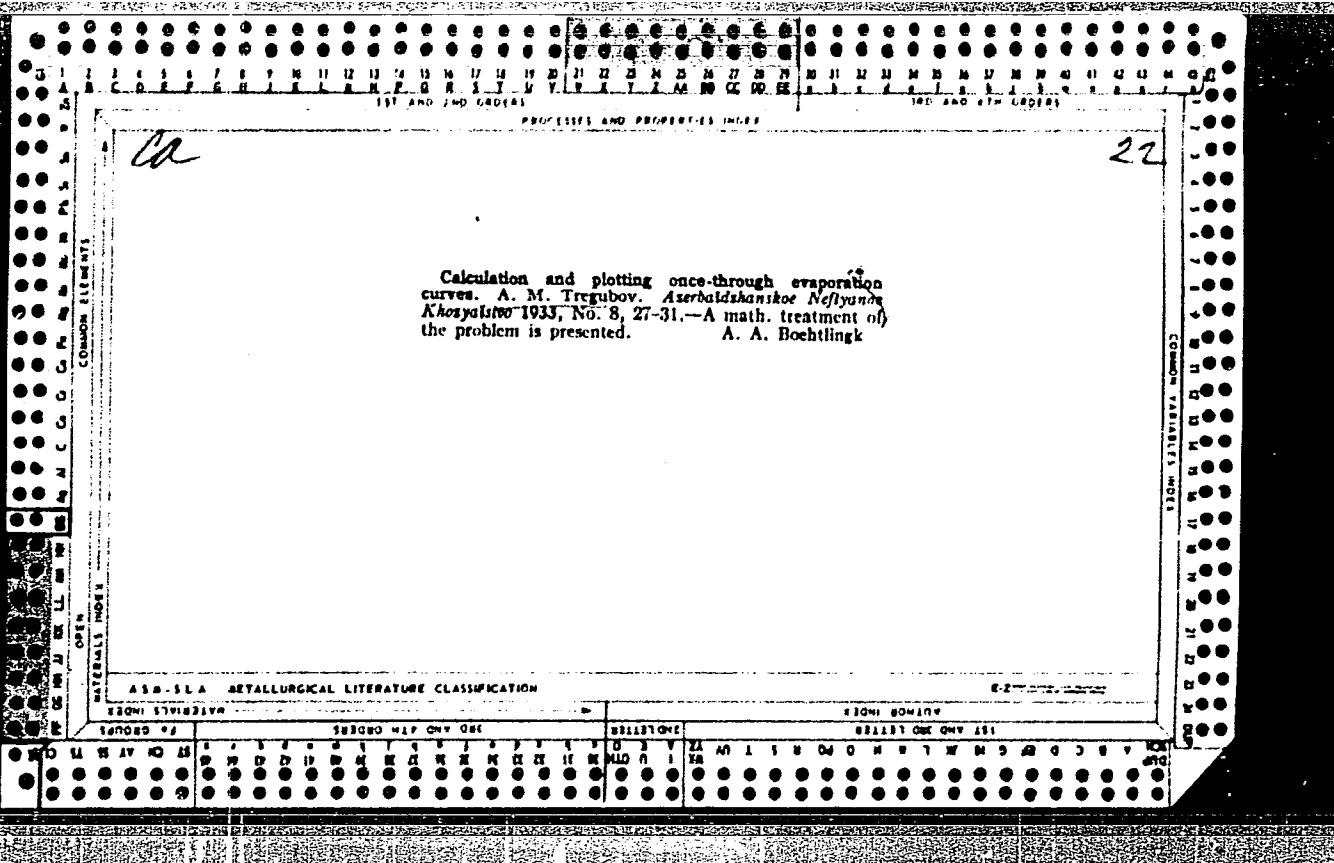


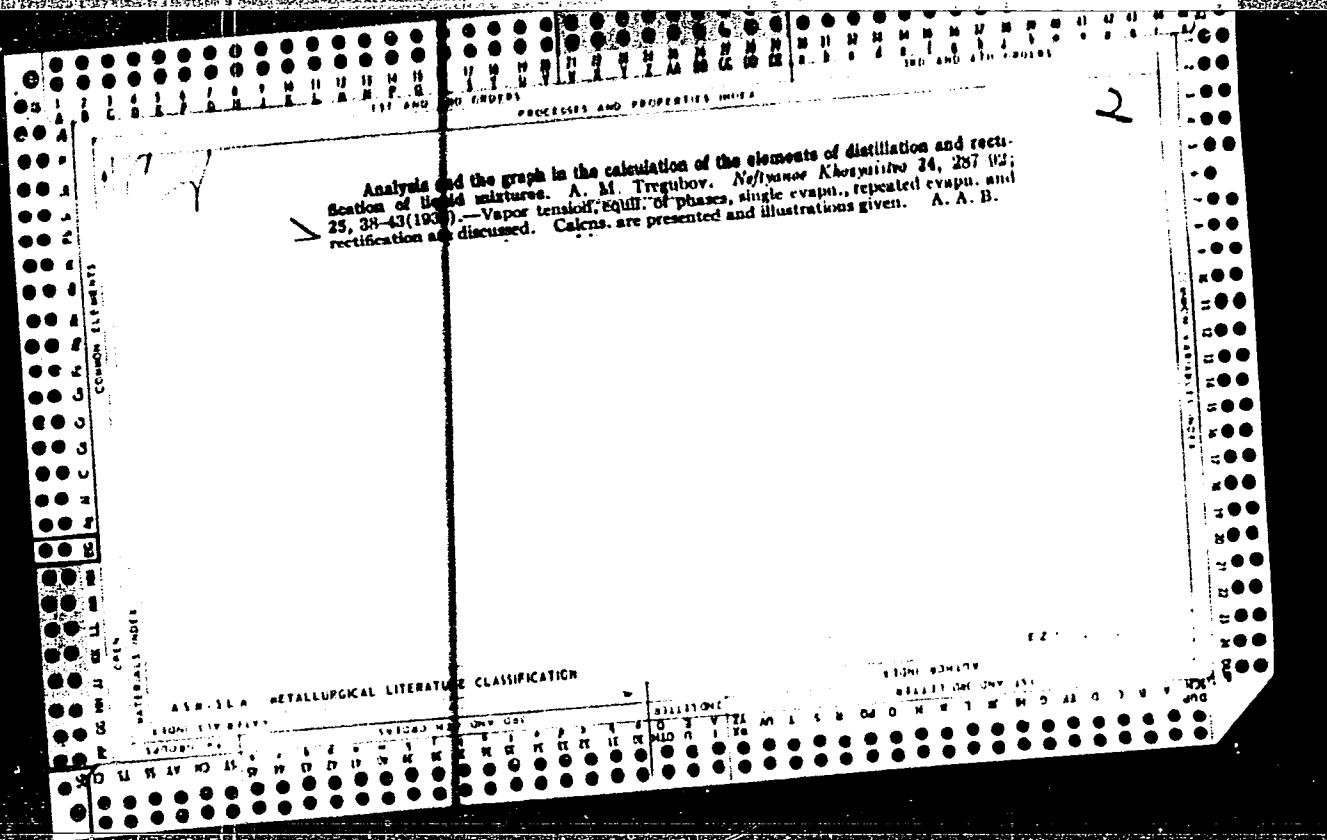






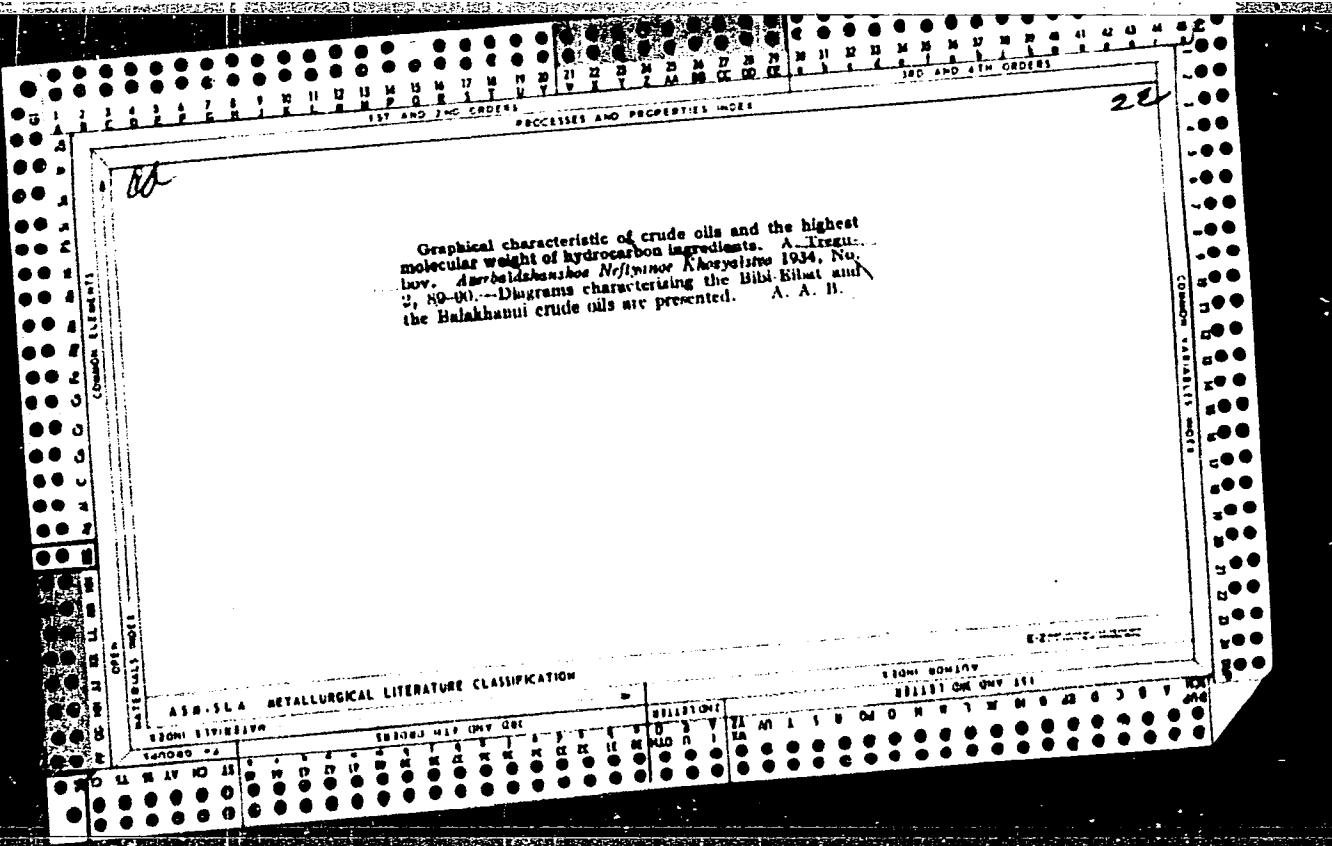


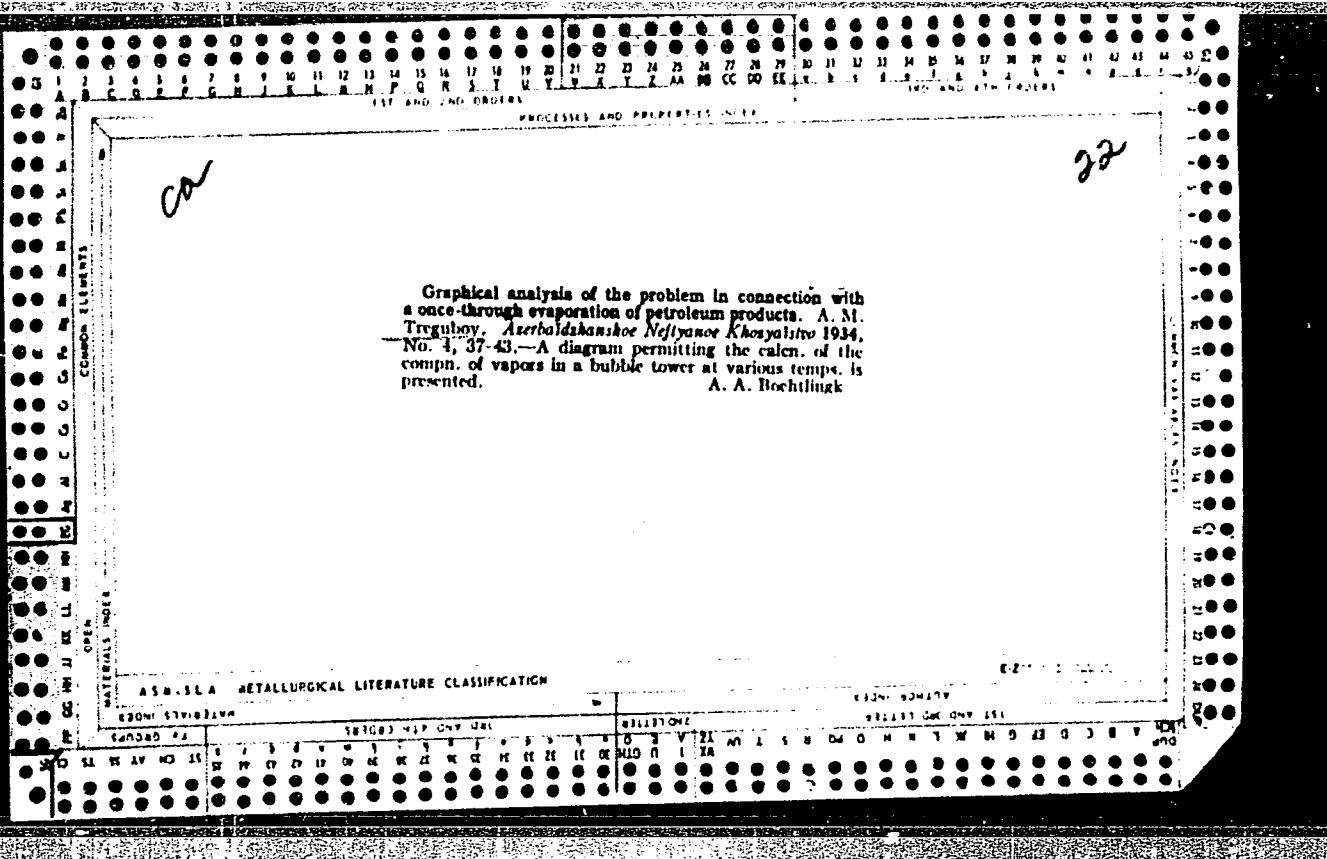




Combined cements. A. Tregubov. *Tsement 2*, No. 10, 44-7(1934).—Hydraulic constituents (diatomite, blast-furnace slag, trav., etc.) should be added to cement in amts. of 20-30%; inactive substances (sand, limestone, granite, fuel slag, etc.) in amts. of 30-40%. The decrease of mech. strength of cement with different proportions of addn. agents is shown in a table. The mixt. is made homogeneous by grinding the clinker and the addns. together.

E. E. Stefanowsky



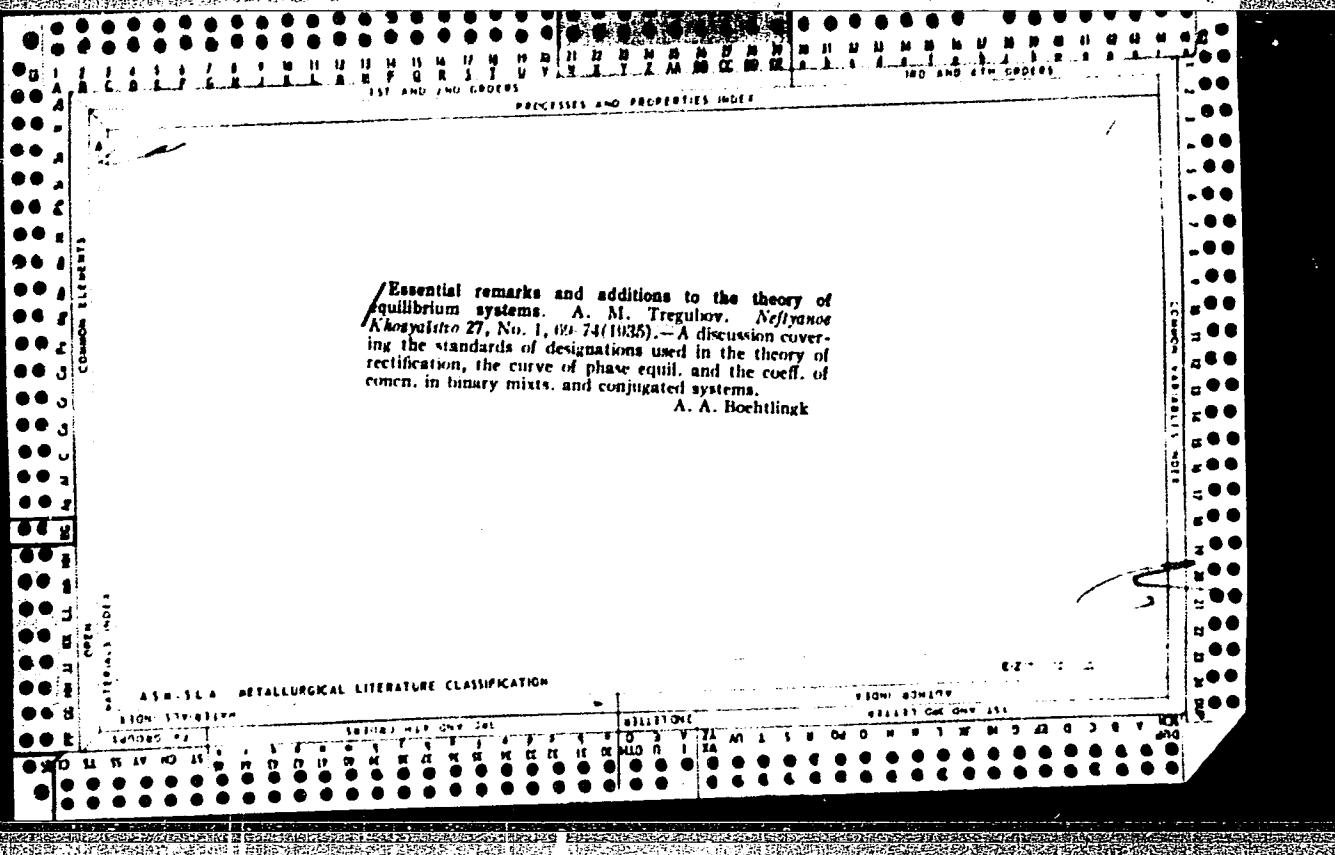


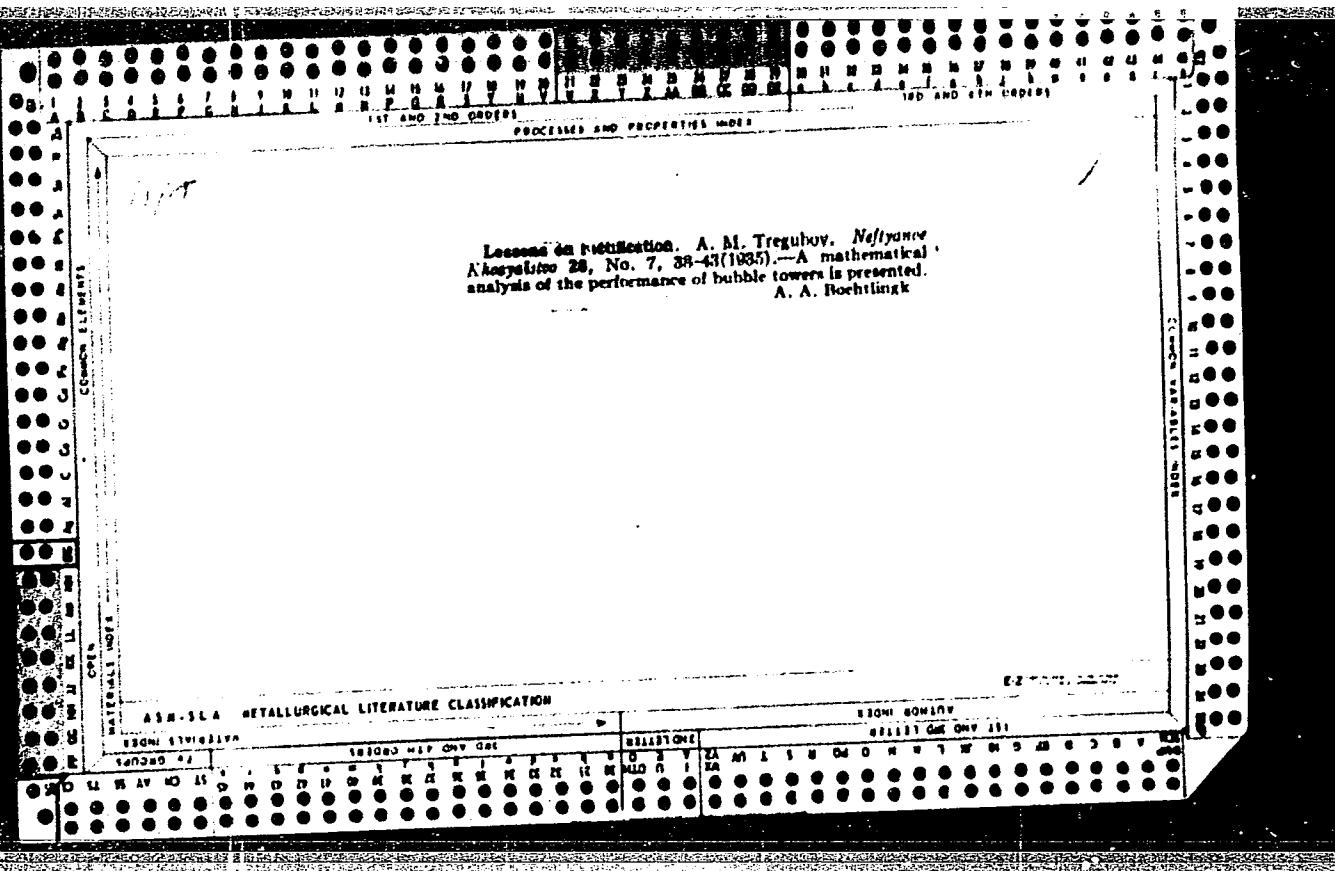
modified method for recalculating temperatures and pressures. A. M. Tregubov. *Neftegaz Khosyavite* 27, No. 1, 68-9 (1958). The Dühring equation for the relation of b. ps. and pressures of two liquids: $K = (T_1 - T_2)/(P_1 - P_2)$, where T_1 and T_2 are the b. ps. of two liquids at one pressure P_1 , and P_1 and P_2 are the b. ps. of just another pressure P_2 , and K is a const. for the above liquids, is modified in that $K' = K - 1 - (P_1 - P_2)/(T_1 - T_2)$, where T_1 , P_1 and r are the b. ps. of 3 liquids at one pressure, and K and K' are const., for the above liquids which do not depend on the pressure. The above equation was checked with hexane, heptane and benzene within a wide temp. range. The corresponding plots for various pressures and their values were substituted in the above equation for the detn. of K' . The values of K' detd. in this manner are very stable, amounting to an average of 0.915, and the deviations are explained by inaccuracies in the drawing. Diagrams and tables are presented.

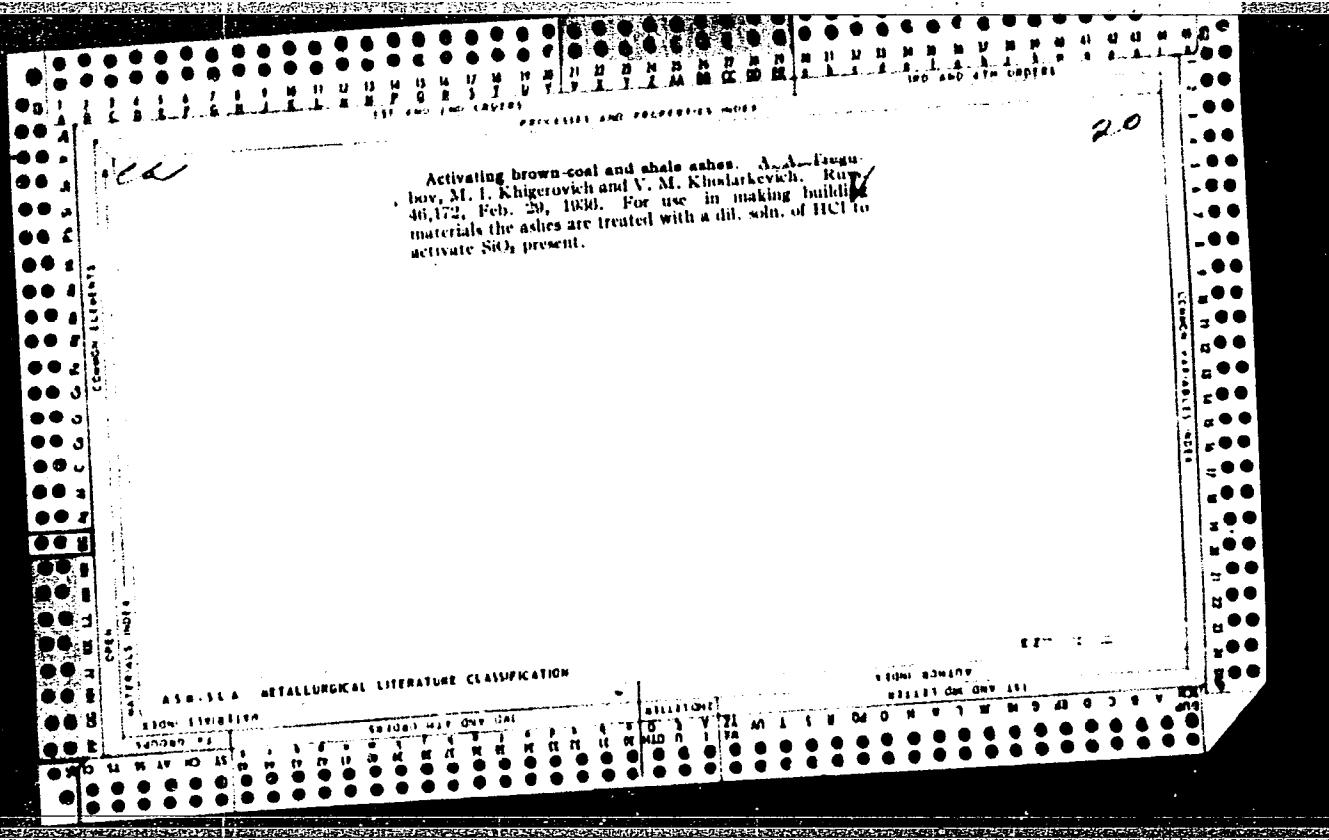
A. A. Hochtlirk

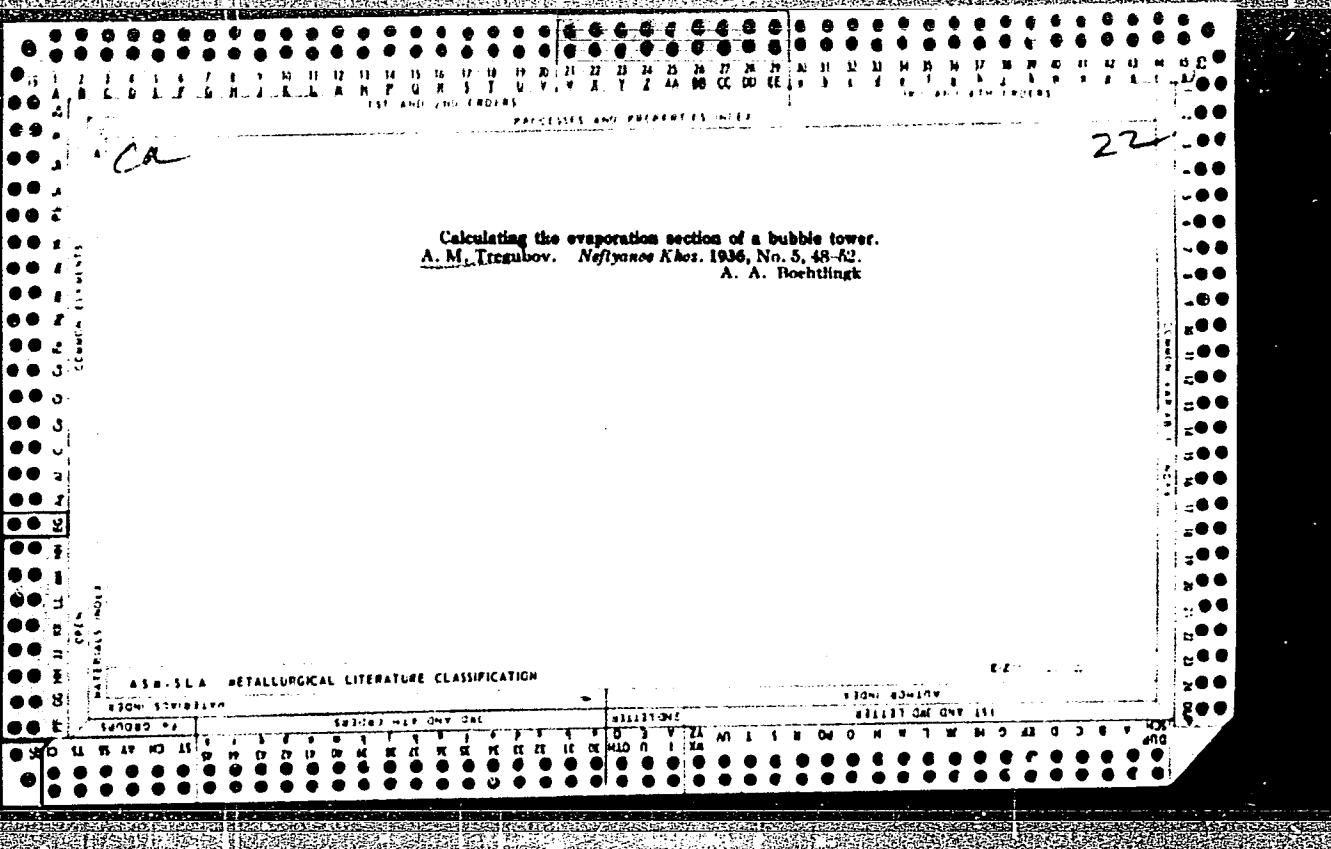
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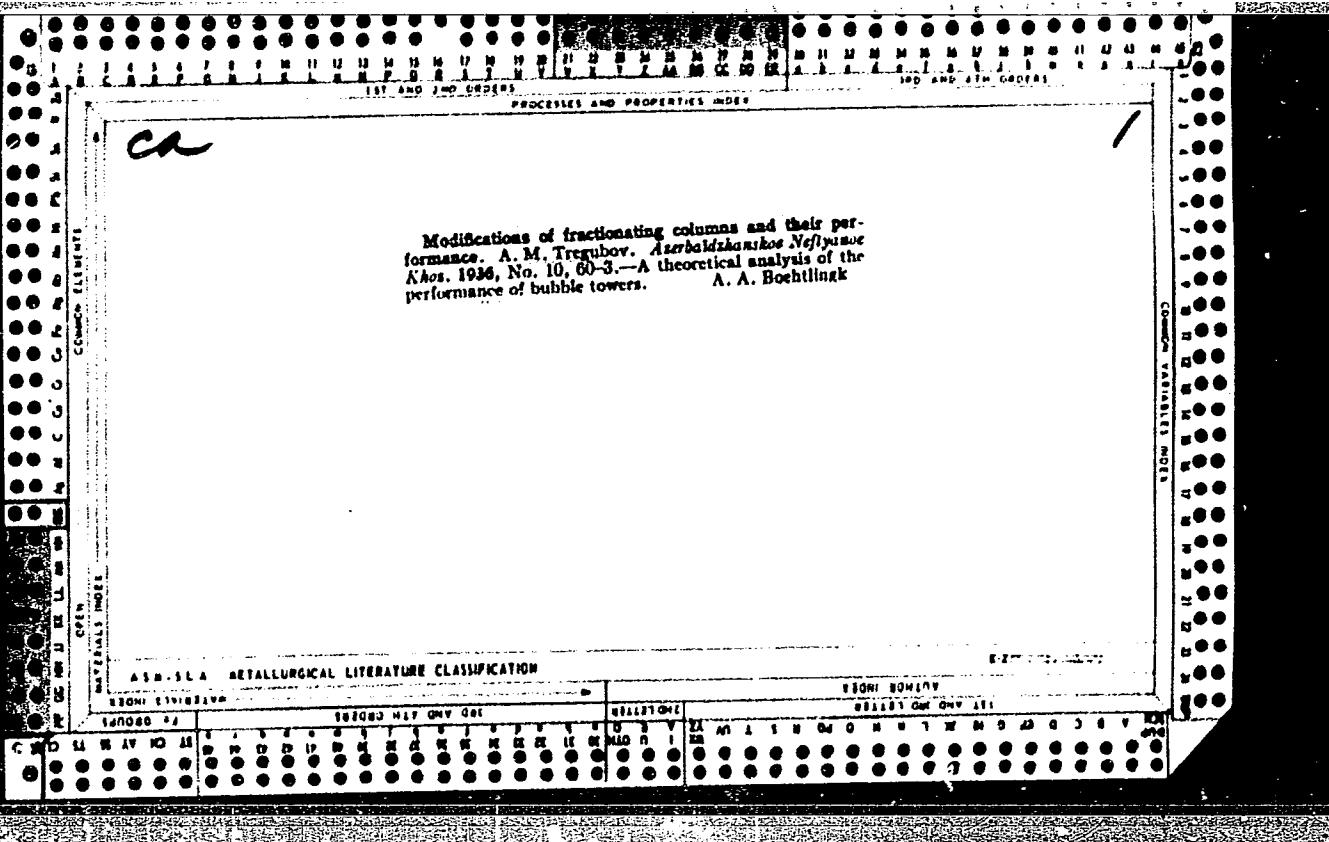
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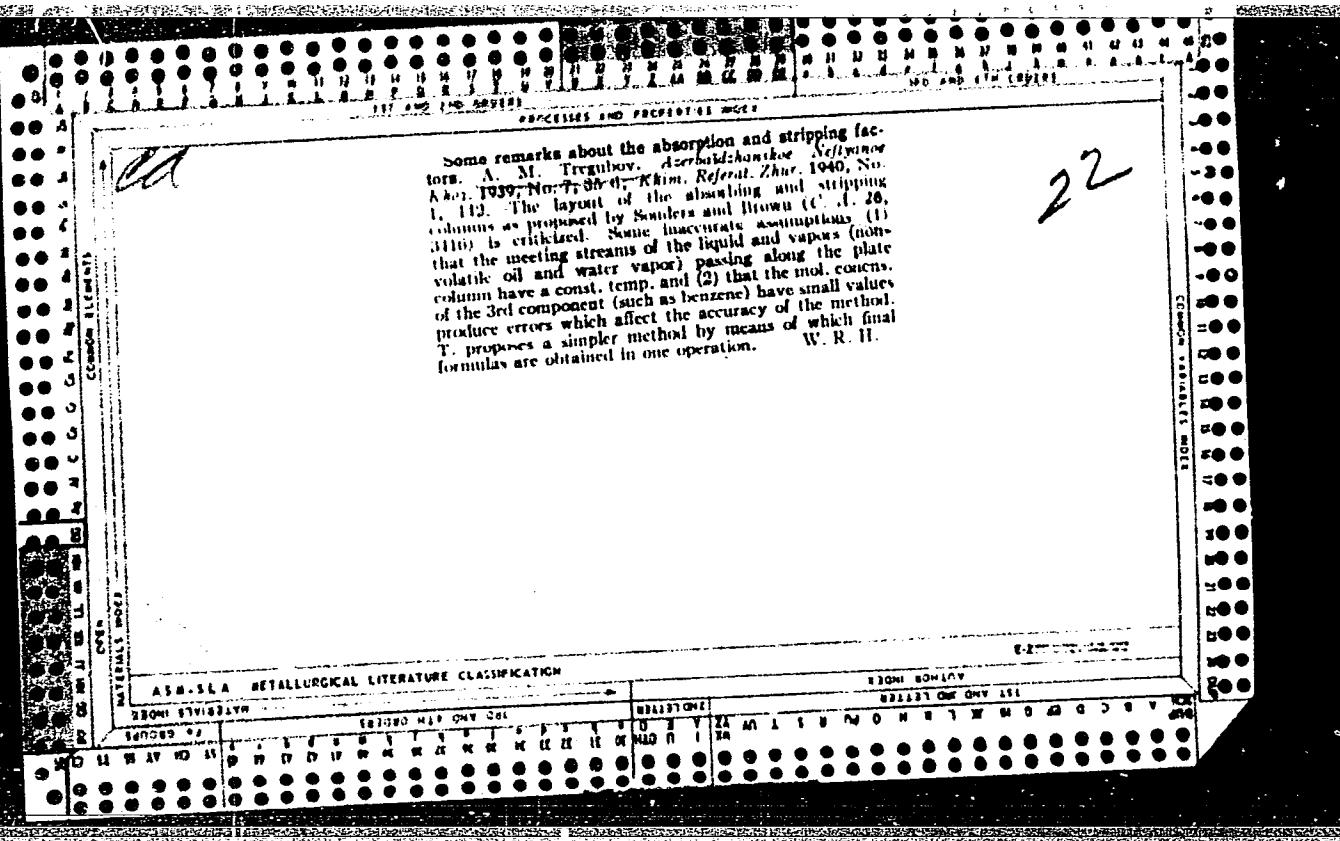


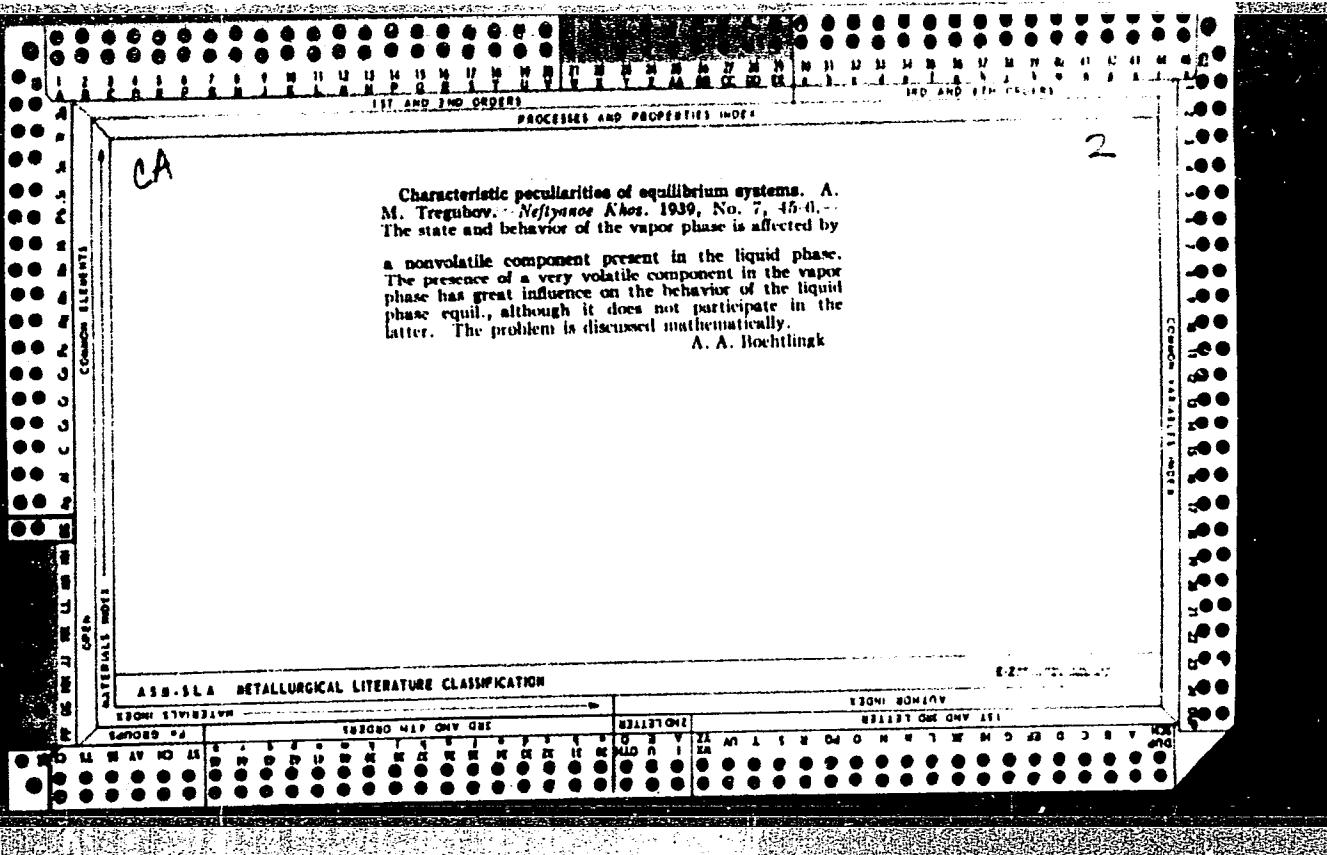
Equilibrium curve for a column with superheated steam.
A. M. Tregubov. Azerbaidzhanskoe Neftegazovye Aktsii.
1938, No. 5, 37. — A discussion of equil. conditions existing
in columns fractionating hydrocarbons with the admission
of superheated steam. A. A. Bochtlingk

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1900-1910/1911

1911-1920/1921-1930/1931-1940/1941-1950/1951-1960/1961-1970/1971-1980/1981-1990/1991-2000/2001-2010/2011-2020/2021-2030/2031-2040/2041-2050/2051-2060/2061-2070/2071-2080/2081-2090/2091-2100/2101-2110/2111-2120/2121-2130/2131-2140/2141-2150/2151-2160/2161-2170/2171-2180/2181-2190/2191-2200/2201-2210/2211-2220/2221-2230/2231-2240/2241-2250/2251-2260/2261-2270/2271-2280/2281-2290/2291-2300/2301-2310/2311-2320/2321-2330/2331-2340/2341-2350/2351-2360/2361-2370/2371-2380/2381-2390/2391-2400/2401-2410/2411-2420/2421-2430/2431-2440/2441-2450/2451-2460/2461-2470/2471-2480/2481-2490/2491-2500/2501-2510/2511-2520/2521-2530/2531-2540/2541-2550/2551-2560/2561-2570/2571-2580/2581-2590/2591-2600/2601-2610/2611-2620/2621-2630/2631-2640/2641-2650/2651-2660/2661-2670/2671-2680/2681-2690/2691-2700/2701-2710/2711-2720/2721-2730/2731-2740/2741-2750/2751-2760/2761-2770/2771-2780/2781-2790/2791-2800/2801-2810/2811-2820/2821-2830/2831-2840/2841-2850/2851-2860/2861-2870/2871-2880/2881-2890/2891-2900/2901-2910/2911-2920/2921-2930/2931-2940/2941-2950/2951-2960/2961-2970/2971-2980/2981-2990/2991-3000/3001-3010/3011-3020/3021-3030/3031-3040/3041-3050/3051-3060/3061-3070/3071-3080/3081-3090/3091-3100/3101-3110/3111-3120/3121-3130/3131-3140/3141-3150/3151-3160/3161-3170/3171-3180/3181-3190/3191-3200/3201-3210/3211-3220/3221-3230/3231-3240/3241-3250/3251-3260/3261-3270/3271-3280/3281-3290/3291-3300/3301-3310/3311-3320/3321-3330/3331-3340/3341-3350/3351-3360/3361-3370/3371-3380/3381-3390/3391-3400/3401-3410/3411-3420/3421-3430/3431-3440/3441-3450/3451-3460/3461-3470/3471-3480/3481-3490/3491-3500/3501-3510/3511-3520/3521-3530/3531-3540/3541-3550/3551-3560/3561-3570/3571-3580/3581-3590/3591-3600/3601-3610/3611-3620/3621-3630/3631-3640/3641-3650/3651-3660/3661-3670/3671-3680/3681-3690/3691-3700/3701-3710/3711-3720/3721-3730/3731-3740/3741-3750/3751-3760/3761-3770/3771-3780/3781-3790/3791-3800/3801-3810/3811-3820/3821-3830/3831-3840/3841-3850/3851-3860/3861-3870/3871-3880/3881-3890/3891-3900/3901-3910/3911-3920/3921-3930/3931-3940/3941-3950/3951-3960/3961-3970/3971-3980/3981-3990/3991-4000/4001-4010/4011-4020/4021-4030/4031-4040/4041-4050/4051-4060/4061-4070/4071-4080/4081-4090/4091-4100/4101-4110/4111-4120/4121-4130/4131-4140/4141-4150/4151-4160/4161-4170/4171-4180/4181-4190/4191-4200/4201-4210/4211-4220/4221-4230/4231-4240/4241-4250/4251-4260/4261-4270/4271-4280/4281-4290/4291-4300/4301-4310/4311-4320/4321-4330/4331-4340/4341-4350/4351-4360/4361-4370/4371-4380/4381-4390/4391-4400/4401-4410/4411-4420/4421-4430/4431-4440/4441-4450/4451-4460/4461-4470/4471-4480/4481-4490/4491-4500/4501-4510/4511-4520/4521-4530/4531-4540/4541-4550/4551-4560/4561-4570/4571-4580/4581-4590/4591-4600/4601-4610/4611-4620/4621-4630/4631-4640/4641-4650/4651-4660/4661-4670/4671-4680/4681-4690/4691-4700/4701-4710/4711-4720/4721-4730/4731-4740/4741-4750/4751-4760/4761-4770/4771-4780/4781-4790/4791-4800/4801-4810/4811-4820/4821-4830/4831-4840/4841-4850/4851-4860/4861-4870/4871-4880/4881-4890/4891-4900/4901-4910/4911-4920/4921-4930/4931-4940/4941-4950/4951-4960/4961-4970/4971-4980/4981-4990/4991-5000/5001-5010/5011-5020/5021-5030/5031-5040/5041-5050/5051-5060/5061-5070/5071-5080/5081-5090/5091-5100/5101-5110/5111-5120/5121-5130/5131-5140/5141-5150/5151-5160/5161-5170/5171-5180/5181-5190/5191-5200/5201-5210/5211-5220/5221-5230/5231-5240/5241-5250/5251-5260/5261-5270/5271-5280/5281-5290/5291-5300/5301-5310/5311-5320/5321-5330/5331-5340/5341-5350/5351-5360/5361-5370/5371-5380/5381-5390/5391-5400/5401-5410/5411-5420/5421-5430/5431-5440/5441-5450/5451-5460/5461-5470/5471-5480/5481-5490/5491-5500/5501-5510/5511-5520/5521-5530/5531-5540/5541-5550/5551-5560/5561-5570/5571-5580/5581-5590/5591-5600/5601-5610/5611-5620/5621-5630/5631-5640/5641-5650/5651-5660/5661-5670/5671-5680/5681-5690/5691-5700/5701-5710/5711-5720/5721-5730/5731-5740/5741-5750/5751-5760/5761-5770/5771-5780/5781-5790/5791-5800/5801-5810/5811-5820/5821-5830/5831-5840/5841-5850/5851-5860/5861-5870/5871-5880/5881-5890/5891-5900/5901-5910/5911-5920/5921-5930/5931-5940/5941-5950/5951-5960/5961-5970/5971-5980/5981-5990/5991-6000/6001-6010/6011-6020/6021-6030/6031-6040/6041-6050/6051-6060/6061-6070/6071-6080/6081-6090/6091-6100/6101-6110/6111-6120/6121-6130/6131-6140/6141-6150/6151-6160/6161-6170/6171-6180/6181-6190/6191-6200/6201-6210/6211-6220/6221-6230/6231-6240/6241-6250/6251-6260/6261-6270/6271-6280/6281-6290/6291-6300/6301-6310/6311-6320/6321-6330/6331-6340/6341-6350/6351-6360/6361-6370/6371-6380/6381-6390/6391-6400/6401-6410/6411-6420/6421-6430/6431-6440/6441-6450/6451-6460/6461-6470/6471-6480/6481-6490/6491-6500/6501-6510/6511-6520/6521-6530/6531-6540/6541-6550/6551-6560/6561-6570/6571-6580/6581-6590/6591-6600/6601-6610/6611-6620/6621-6630/6631-6640/6641-6650/6651-6660/6661-6670/6671-6680/6681-6690/6691-6700/6701-6710/6711-6720/6721-6730/6731-6740/6741-6750/6751-6760/6761-6770/6771-6780/6781-6790/6791-6800/6801-6810/6811-6820/6821-6830/6831-6840/6841-6850/6851-6860/6861-6870/6871-6880/6881-6890/6891-6900/6901-6910/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TREGUROV, A. N.

The theory of distillation and fractional distillation. Textbook Izd. 3. Buku,
Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1946. 399 p.
(51-15761)

QD526.T7 1946

1. Distillation, Fractional

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520005-0

TREGUBOV, A. N.

DECEASED

Sanitation and Hygiene

see ILC

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520005-0"

LAPIN, G.L.; TREGUBOV, A.N.

Improvement of working carnallite in Upper Kama mines.
Nauch.trudy Perm NIUI no. 4s133-135 '62. (MIRA 17:6)

SOV/137-58-10-20703

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 52 (USSR)

AUTHORS: Antipin, L.N., Tregubov, A.T., Vazhenin, S.F.

TITLE: Relation of the Quantity of "Carbon Foam" in a Cryolite-alumina Melt to Current Density at the Anode (Zavisimost' kolichestva "ugol'noy peny" v kriolit-glinozemnom rasplave ot anodnoy plotnosti toka)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Tsvetn. metallurgiya, 1958, Nr 1, pp 107-115

ABSTRACT: When the anode cd in the baths is increased, the change in the nature of the process at the anode results in a change in the amount of carbon fines coming down at the anode to form "carbon foam". Investigations conducted with laboratory equipment (in a cylindrical graphite crucible) show that foam formation starts at $cd=0.3$ amps/cm² and increases sharply at $cd=0.9$ amps/cm². The presence of dissolved metal in the electrolyte reduces anode losses and changes the nature of the relationship. Anode losses for anode pastes of various compositions are investigated. They depend upon the composition of the paste and the conditions used in baking the carboniferous

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Izdat Politek Inst. Chir Metallurgy of Light Metal.

SOV/137-58-10-20703

Relation of the Quantity of "Carbon Foam" (cont.)

material. There are cd (0.6-1.0 amps/cm²) at which a sharp rise in the amount of foam is observed. This requires that experiments be performed in an industrial cell to determine the cd at which foam formation will be smallest.

B.L.

1. Carbon--Foaming
2. Cryolite--Properties
3. Aluminum oxide--Properties
4. Slags--Electrical effects

Card 2/2

AUTHORS: Antipin, L. N., Tregubov, A. T. SGV/163-58-3-10/49

TITLE: The Behaviour of Graphite Samples When Loaded With Constant Current (Povedeniye grafitovogo obraztsa pri nalozhenii postoyannogo toka)

PERIODICAL: Nauchnyye doklady vysshyey shkoly. Metallurgiya, 1958,
Nr 3, pp 58 - 59 (USSR)

ABSTRACT: The behaviour of the graphite electrode in alumina creolite melts in the electrolysis with d.c. was investigated. The voltage-current curve was taken in the investigation of the graphite anode in air and oxygen atmosphere. The results showed that a change of the course of the voltage curve occurs with an increase of the voltage difference. The graphite anode changes its shape and color in the electrolysis. The difference of the graphite sample in the anode and cathode area was investigated. The dependence of the residual polarization upon the voltage was investigated and then given in figure 4. From the course taken by the curves may be

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The Behaviour of Graphite Samples When Loaded With Constant SOV/163-50-3-10/49
Current

concluded that all curves take a step-wise course, beginning at 0,2, 0,5 and 0,9 V. The occurrence of this step-wise course is not clarified as yet. The assumption was uttered that the presence of dissolved oxygen in graphite was mainly responsible for this phenomenon. There are 4 figures and 1 reference, which is Soviet.

ASSOCIATION: Ural'skiy politekhnicheskiy institut (Ural Polytechnical Institute)

SUBMITTED: October 21, 1957

Card 2/2

KHAKHALIN, B.D., kand.tekhn.nauk; BEZVERKHIY, P.A., kand.tekhn.nauk;
TREGUBOV, A.V., inzh.

Parameters of liquid cast-iron feed in grooves for centrifugal pipe
casting. Biul.nauch.-tekhn.inform.VNITI no.4/5:113-125 '58.
(MIRA 15:1)
(Pipe, Cast iron) (Foundry)

VERBITSKIY, Ivan Ivanovich; TREGUBOV, A.V., red.; KUZ'MINYKH, A.A.,
red.izd-va; VDOVINA, V.M., tekhn. red.

[Safety measures in the maintenance and repair of tractors
and motor vehicles] Tekhnika bezopasnosti pri tekhnicheskem
obsluzhivanii i remonte traktorov i avtomobilei. Moskva,
Goslesbumizdat, 1963. 47 p. (MIRA 16:8)

(Tractors--Maintenance and repair)
(Motor vehicles—Maintenance and repair)

TREGUBOV, B.G., gornyy inzh.

New techniques of mining slate. Gor. zhur. no.6:32-35 Je '64.
(MIRA 17:11)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk.

TREGUBOV, B.G., gornyy inzh.

Use of a straight-line cut in uprasising with deep holes.
(MIRA 15:8)
Gor.zhur. no.8:33-35 Ag '62.

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR,
Novosibirsk.
(Boring) (Blasting)

SALISHCHEV, D.S. (Tashtagol, Kemerovskoy obl.); TREGUBOV, B.G., gornyy inzh.

Deepening vertical blind shafts by the method of sectional deep hole blasting. Gor. zhur. no. 1:35-38 Ja '61. (MIRA 14:1)

1. Glavnnyy inzh. rudnika "Tashtagol" (for Salishchev). 2. Institut gornogo dela Sibirskego otsteleniya AN SSSR, Novosibirsk (for Tregubov).
(Shaft sinking) (Blasting)

ILIVITSKIY, A. A.; NIKOLIN, V. I.; DUBYNIN, N. G.; GAN'SHIN, L. P.;
RYABCHENKO, Ye. P.; SVAROVSKIY, B. M.; TREGUBOV, B. G.;
TRUFAKIN, N. Ye.

"Determining the properties of rocks" by L. I. Baron, B. M.
Loguntsov, and E. Z. Pozin. Reviewed by A. A. Ilivitskii and
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(Rocks—Testing) (Baron, L. I.)
(Loguntsov, B. M.) (Pozin, E. Z.)